



User's Manual



Video



## Features

- 2 pole AC inlet IEC320-C8, Class II power unit
- Medical safety approved (2 × MOPP) according to ANSI/AAMI ES60601-1/-1-11, BS EN/EN60601-1/-1-11
- Extremely low leakage current
- No load power consumption<0.1W
- Energy efficiency Level VI and meet CoC version 5 ( except 5~9V for Level V)
- -25~+60°C wide range working temperature
- Protections: Short circuit / Overload / Over voltage
- LED indicator for power on
- Various DC plug quick adapter accessory available (Plug kit sold sperately, please refer to : [https://www.meanwell.com/upload/pdf/DC\\_plug.pdf](https://www.meanwell.com/upload/pdf/DC_plug.pdf) )
- 3 years warranty

## Applications

- Blood glucose meter
- Blood pressure meter
- Nebulizer
- Inhaler
- Portable medical device

## GTIN CODE

MW Search: <https://www.meanwell.com/serviceGTIN.aspx>

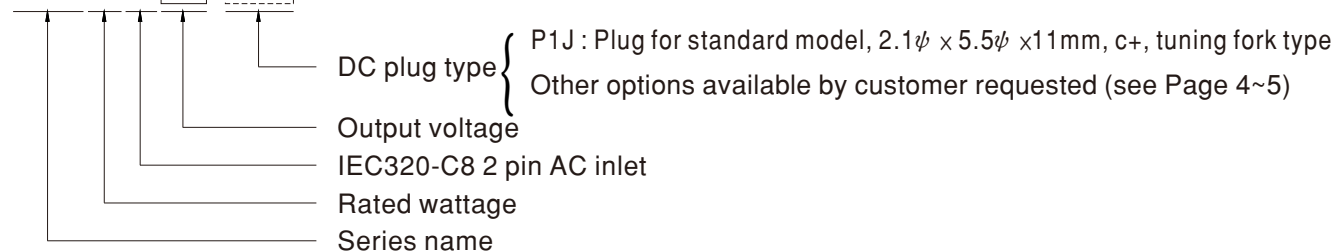
## Description

GSM18B is a highly reliable, 18W desktop style single-output green medical adaptor series. This product is equipped with a 2-pin (no FG) standard IEC320-C8 power plug, adopting the input range from 80VAC to 264VAC. The entire series supplies different output voltages between 5VDC and 48VDC that can satisfy the demands for various kinds of miniature medical devices. The circuitry design meets the international medical standards (2 × MOPP), having an ultra low leakage current (<50 $\mu$ A), fitting the medical devices in direct electrical contact with the patients.

With the efficiency up to 88% and the extreme low no-load power consumption below 0.1W, GSM18B is compliant with USA EISA 2007/DoE, Canada NRCAN, Australia and New Zealand MEPS, EU ErP and meet Code of Conduct(CoC) Version 5 ; the supreme feature allows the adaptor to save the energy when it is either under the operating mode or the standby mode. The entire series utilizes the 94V-0 flame retardant plastic case, providing the double insulation that effectively prevents electrical shock. GSM18B is approved with the international medical safety certificates.

## Model Encoding

**GSM18B 05 -P1J**

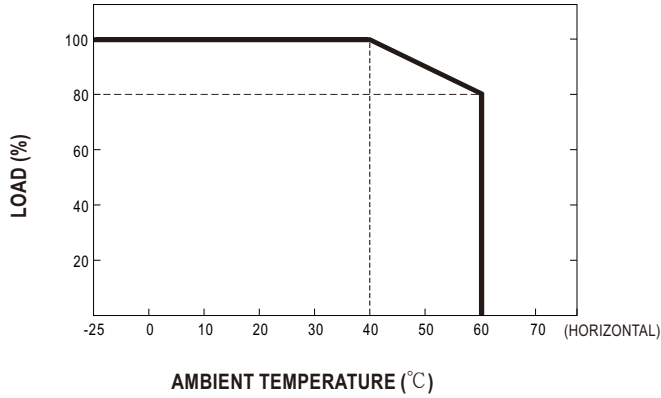




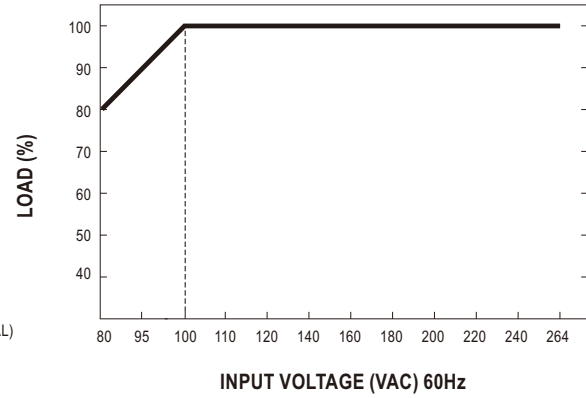
## SPECIFICATION

| ORDER NO.                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | GSM18B05-P1J                                                                                                                                           | GSM18B07-P1J                                                                   | GSM18B09-P1J | GSM18B12-P1J | GSM18B15-P1J                                                              | GSM18B18-P1J                                                         | GSM18B24-P1J | GSM18B48-P1J |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------|--------------|---------------------------------------------------------------------------|----------------------------------------------------------------------|--------------|--------------|
| OUTPUT                    | SAFETY MODEL NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | GSM18B05                                                                                                                                               | GSM18B07                                                                       | GSM18B09     | GSM18B12     | GSM18B15                                                                  | GSM18B18                                                             | GSM18B24     | GSM18B48     |
|                           | DC VOLTAGE <span>Note.2</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5V                                                                                                                                                     | 7.5V                                                                           | 9V           | 12V          | 15V                                                                       | 18V                                                                  | 24V          | 48V          |
|                           | RATED CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3A                                                                                                                                                     | 2A                                                                             | 2A           | 1.5A         | 1.2A                                                                      | 1A                                                                   | 0.75A        | 0.375A       |
|                           | CURRENT RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0 ~ 3A                                                                                                                                                 | 0 ~ 2A                                                                         | 0 ~ 2A       | 0 ~ 1.5A     | 0 ~ 1.2A                                                                  | 0 ~ 1A                                                               | 0 ~ 0.75A    | 0 ~ 0.375A   |
|                           | RATED POWER (max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15W                                                                                                                                                    | 15W                                                                            | 18W          | 18W          | 18W                                                                       | 18W                                                                  | 18W          | 18W          |
|                           | RIPPLE & NOISE (max.) <span>Note.3</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 60mVp-p                                                                                                                                                | 80mVp-p                                                                        | 80mVp-p      | 120mVp-p     | 120mVp-p                                                                  | 150mVp-p                                                             | 180mVp-p     | 240mVp-p     |
|                           | VOLTAGE TOLERANCE <span>Note.4</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ± 5.0%                                                                                                                                                 | ± 5.0%                                                                         | ± 5.0%       | ± 3.0%       | ± 3.0%                                                                    | ± 3.0%                                                               | ± 2.0%       | ± 2.0%       |
|                           | LINE REGULATION <span>Note.5</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ± 1.0%                                                                                                                                                 | ± 1.0%                                                                         | ± 1.0%       | ± 1.0%       | ± 1.0%                                                                    | ± 1.0%                                                               | ± 1.0%       | ± 1.0%       |
|                           | LOAD REGULATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ± 5.0%                                                                                                                                                 | ± 5.0%                                                                         | ± 5.0%       | ± 3.0%       | ± 3.0%                                                                    | ± 3.0%                                                               | ± 2.0%       | ± 2.0%       |
|                           | SETUP, RISE TIME <span>Note.6</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 500ms, 30ms / 230VAC      1000ms, 30ms / 115VAC at full load                                                                                           |                                                                                |              |              |                                                                           |                                                                      |              |              |
| HOLD UP TIME (Typ.)       | 16ms / 230VAC      16ms / 115VAC at full load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                        |                                                                                |              |              |                                                                           |                                                                      |              |              |
| INPUT                     | VOLTAGE RANGE <span>Note.7</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 80 ~ 264VAC    113 ~ 370VDC                                                                                                                            |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | FREQUENCY RANGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 47 ~ 63Hz                                                                                                                                              |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | EFFICIENCY (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 80%                                                                                                                                                    | 83%                                                                            | 84%          | 85%          | 85.5%                                                                     | 86%                                                                  | 87%          | 88%          |
|                           | AC CURRENT (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.5A / 115VAC      0.25A / 230VAC                                                                                                                      |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | INRUSH CURRENT (Typ.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 55A / 230VAC      30A / 115VAC                                                                                                                         |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | LEAKAGE CURRENT(max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Touch current < 50 $\mu$ A/264VAC                                                                                                                      |                                                                                |              |              |                                                                           |                                                                      |              |              |
| PROTECTION                | OVERLOAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 105 ~ 170% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed                                |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | OVER VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5.25 ~ 7.5V                                                                                                                                            | 7.88 ~ 10.13V                                                                  | 9.45 ~ 12.6V | 12.6 ~ 17.2V | 15.75 ~ 20.25V                                                            | 18.9 ~ 24.3V                                                         | 25.2 ~ 32.4V | 50.4 ~ 64.8V |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Protection type : Shut down o/p voltage, re-power on to recover                                                                                        |                                                                                |              |              |                                                                           |                                                                      |              |              |
| ENVIRONMENT               | WORKING TEMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -25 ~ +60°C (Refer to "Derating Curve")                                                                                                                |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | WORKING HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20% ~ 90% RH non-condensing                                                                                                                            |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | STORAGE TEMP., HUMIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40 ~ +85°C, 10 ~ 95% RH non-condensing                                                                                                                |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | TEMP. COEFFICIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ± 0.03% / °C (0~40°C)                                                                                                                                  |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | VIBRATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes                                                                                |                                                                                |              |              |                                                                           |                                                                      |              |              |
| SAFETY & EMC<br>(Note. 8) | SAFETY STANDARDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ANSI/AAMI ES60601-1 / ES60601-1-11(3.1 version), CAN/CSA-C22 3 <sup>rd</sup> Edition, TUV BS EN/EN60601-1 / BS EN/EN60601-1-11, EAC TP TC 004 approved |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | ISOLATION LEVEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Primary-Secondary: 2xMOPP                                                                                                                              |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | WITHSTAND VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | I/P-O/P:4KVAC                                                                                                                                          |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | ISOLATION RESISTANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH                                                                                                             |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | EMC EMISSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Parameter                                                                                                                                              | Standard                                                                       |              |              |                                                                           | Test Level / Note                                                    |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Conducted emission                                                                                                                                     | BS EN/EN55011(CISPR11),FCC PART 15 / CISPR22, CAN ICES-3(B)/NMB-3(B),MSIP KN32 |              |              |                                                                           | Class B                                                              |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Radiated emission                                                                                                                                      | BS EN/EN55011(CISPR11),FCC PART 15 / CISPR22, CAN ICES-3(B)/NMB-3(B),MSIP KN32 |              |              |                                                                           | Class B                                                              |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Harmonic current                                                                                                                                       | BS EN/EN61000-3-2                                                              |              |              |                                                                           | Class A                                                              |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Voltage flicker                                                                                                                                        | BS EN/EN61000-3-3                                                              |              |              |                                                                           | -----                                                                |              |              |
|                           | EMC IMMUNITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BS EN/EN60601-1-2, BS EN/EN61204-3                                                                                                                     |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Parameter                                                                                                                                              | Standard                                                                       |              |              |                                                                           | Test Level / Note                                                    |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ESD                                                                                                                                                    | BS EN/EN61000-4-2                                                              |              |              |                                                                           | Level 4, 15KV air ; Level 4, 8KV contact                             |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RF field susceptibility                                                                                                                                | BS EN/EN61000-4-3                                                              |              |              |                                                                           | Level 3, 10V/m( 80MHz~2.7GHz )<br>Table 9, 9~28V/m( 385MHz~5.78GHz ) |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EFT bursts                                                                                                                                             | BS EN/EN61000-4-4                                                              |              |              |                                                                           | Level 3, 2KV                                                         |              |              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surge susceptibility                                                                                                                                   | BS EN/EN61000-4-5                                                              |              |              |                                                                           | Level 3, 1KV/Line-Line                                               |              |              |
| Conducted susceptibility  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BS EN/EN61000-4-6                                                                                                                                      |                                                                                |              |              | Level 3, 10V                                                              |                                                                      |              |              |
| Magnetic field immunity   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BS EN/EN61000-4-8                                                                                                                                      |                                                                                |              |              | Level 4, 30A/m                                                            |                                                                      |              |              |
| Voltage dip, interruption |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BS EN/EN61000-4-11                                                                                                                                     |                                                                                |              |              | 100% dip 1 periods, 30% dip 25 periods,<br>100% interruptions 250 periods |                                                                      |              |              |
| OTHERS                    | MTBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3889.1K hrs min.      Telcordia SR-332 (Bellcore) ; 794.6K hrs min.      MIL-HDBK-217F (25°C)                                                          |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | DIMENSION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 79*54*33mm (L*W*H)                                                                                                                                     |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | PACKING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 205g ; 60pcs / 13.3Kg / CARTON                                                                                                                         |                                                                                |              |              |                                                                           |                                                                      |              |              |
| CONNECTOR                 | PLUG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | See page 4~5 ; Other type available by customer requested                                                                                              |                                                                                |              |              |                                                                           |                                                                      |              |              |
|                           | CABLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | See page 4~5 ; Other type available by customer requested                                                                                              |                                                                                |              |              |                                                                           |                                                                      |              |              |
| NOTE                      | <div>1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient.</div> <div>2. DC voltage: The output voltage set at point measure by plug terminal &amp; 50% load.</div> <div>3. Ripple &amp; noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1<math>\mu</math>f &amp; 47<math>\mu</math>f capacitor.</div> <div>4. Tolerance: includes set up tolerance, line regulation, load regulation.</div> <div>5. Line regulation is measured from low line to high line at rated load.</div> <div>6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.</div> <div>7. Derating may be needed under low input voltage. Please check the derating curve for more details.</div> <div>8. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."<br/>(as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a>)</div> <div>※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a></div> |                                                                                                                                                        |                                                                                |              |              |                                                                           |                                                                      |              |              |

### Derating Curve

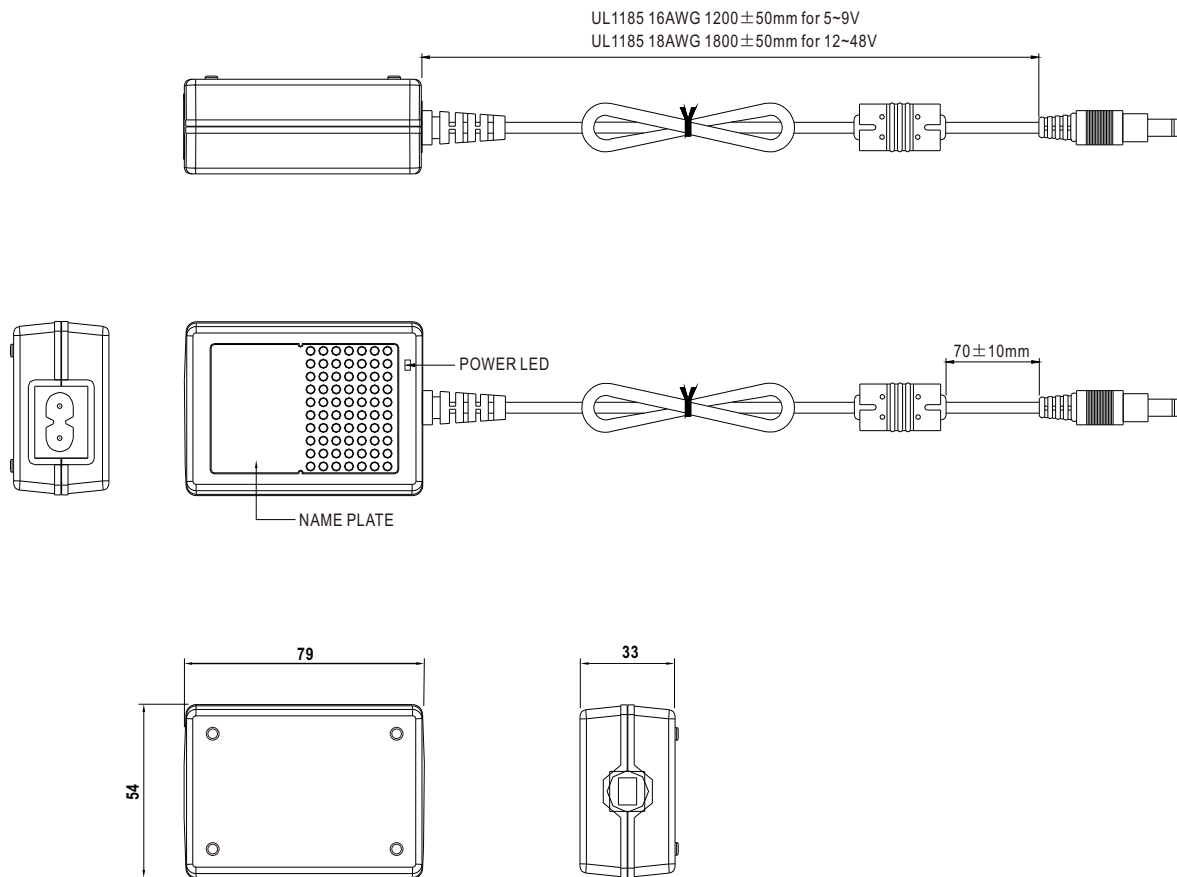


### Static Characteristics



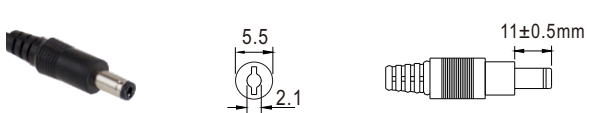
### Mechanical Specification

Unit:mm



### ■ DC output plug

◎ Standard plug: P1J

| P1J                                                                               | Pin Assignment                                                                                     |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  |                 |
|                                                                                   | Outside  Inside |

◎ DC plug changeable through:

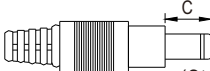
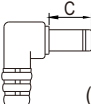
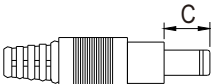
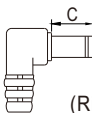
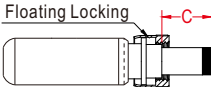
- (1) Customization of the standard part with an optional DC plug according to the table (MOQ applicable)
- (2) Quick adapter accessory (sold separately without MOQ)

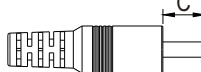
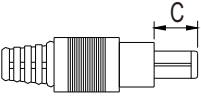
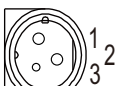
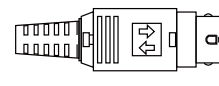
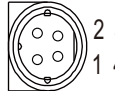
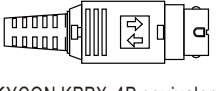
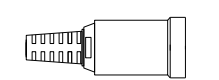
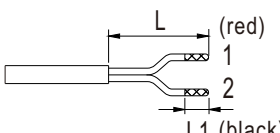
Please refer to below table and online selection guide : [https://www.meanwell.com/upload/pdf/DC\\_plug.pdf](https://www.meanwell.com/upload/pdf/DC_plug.pdf)

Example quick adapter accessory:



◎ Optional DC plug: (Available in customized cable or quick adapter)

| Tuning Fork Style                                                                                                                                                          |                                                                                                                                               | Type No.   | A<br>OD | B<br>ID | C<br>L | Quick Adapter<br>Accessory               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|--------|------------------------------------------|
| <br> | <br>(Straight)                                             | P1I        | 5.5     | 2.1     | 9.5    | Available<br>(Current rating: 7.5A max.) |
|                                                                                                                                                                            |                                                                                                                                               | P1L        | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1M        | 5.5     | 2.5     | 11.0   |                                          |
|                                                                                                                                                                            | <br>(Right-angled)                                         | P1IR       | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1JR       | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1LR       | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P1MR       | 5.5     | 2.5     | 11.0   |                                          |
| Barrel Style                                                                                                                                                               |                                                                                                                                               | Type No.   | A<br>OD | B<br>ID | C<br>L | None                                     |
| <br> | <br>(Straight)                                             | P2I        | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2J        | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2L        | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2M        | 5.5     | 2.5     | 11.0   |                                          |
|                                                                                                                                                                            | <br>(Right-angled)                                         | P2IR       | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2JR       | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2LR       | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2MR       | 5.5     | 2.5     | 11.0   |                                          |
| Lock Style                                                                                                                                                                 |                                                                                                                                               | Type No.   | A<br>OD | B<br>ID | C<br>L | None                                     |
| <br> | <br>Floating Locking<br>SWITCHCRAFT original or equivalent | P2S(S761K) | 5.53    | 2.03    | 12.06  |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2K(761K)  | 5.53    | 2.54    | 12.06  |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2C(S760K) | 5.53    | 2.03    | 9.52   |                                          |
|                                                                                                                                                                            |                                                                                                                                               | P2D(760K)  | 5.53    | 2.54    | 9.52   |                                          |

| Min. Pin Style                                                                                                                                                                                                                                                                                   | Type No.    | A<br>OD        | B<br>ID | C<br>L | Quick Adapter<br>Accessory             |                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------|--------|----------------------------------------|------------------------------------------|
| <br><br><br>EIAJ equivalent                   | P3A         | 2.35           | 0.7     | 11.0   | Available<br>(Current rating: 5A max.) |                                          |
|                                                                                                                                                                                                                                                                                                  | P3B         | 4.0            | 1.7     | 11.0   |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  | P3C         | 4.75           | 1.7     | 11.0   |                                        |                                          |
| Center Pin Style                                                                                                                                                                                                                                                                                 | Type No.    | A<br>OD        | B<br>ID | C<br>L | D<br>Center Pin                        | Available<br>(Current rating: 7.5A max.) |
| <br><br><br>EIAJ equivalent                   | P4A         | 5.5            | 3.4     | 11.0   | 1.0                                    |                                          |
|                                                                                                                                                                                                                                                                                                  | P4B         | 6.5            | 4.4     | 11.0   | 1.4                                    |                                          |
|                                                                                                                                                                                                                                                                                                  | P4C         | 7.4            | 5.1     | 11.0   | 0.6                                    |                                          |
| Min. DIN 3 Pin with Lock (male)                                                                                                                                                                                                                                                                  | Type No.    | Pin Assignment |         |        |                                        | Available<br>(Current rating: 7.5A max.) |
| <br><br><br>KYCON KPPX-3P equivalent          | R6B         | PIN No.        | Output  |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 1              | +Vo     |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 2              | -Vo     |        |                                        |                                          |
| <br><br><br>KYCON KPPX-4P equivalent    | R7B         | Pin Assignment |         |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | PIN No.        | Output  |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 1              | +Vo     |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 2              | -Vo     |        |                                        |                                          |
| <br><br><br>KYCON KPJX-CM-4S equivalent | R7BF        | Pin Assignment |         |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | PIN No.        | Output  |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 1              | +Vo     |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 2              | -Vo     |        |                                        |                                          |
| <br><br>                                | R1B         | Pin Assignment |         |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | PIN No.        | Output  |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 1              | -Vo     |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 2              | -Vo     |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 3              | +Vo     |        |                                        |                                          |
| Stripped and tinned leads                                                                                                                                                                                                                                                                        | Type No.    | Pin Assignment |         |        |                                        | None                                     |
| <br><br>Length of Land L1 by request<br>(MW's standard length, L: <u>25</u> mm, L1: <u>5</u> mm)                           | by customer | PIN No.        | Output  |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 1              | +Vo     |        |                                        |                                          |
|                                                                                                                                                                                                                                                                                                  |             | 2              | -Vo     |        |                                        |                                          |

## Installation Manual

Please refer to : <http://www.meanwell.com/manual.html>