

## Datasheet

**RS PRO 12.5W Plug in Universal Power Supply 5.0V dc, 2.5A, Level VI Efficiency, 1 output with In-line Switch Compatible with Raspberry Pi 3 Board**



**Article number: 1951773**

Part Code

PS80120

Product

Universal Power Supply, 1.5m Micro USB Connector Cable with In-line Switch

## Product Details

### Official microUSB Power Supply Unit for Raspberry Pi 3 Model B

This power supply unit (PSU) for the Pi 3 has a detachable cable with on/off switch built-in and microUSB plug. There are also three interchangeable mains adaptors so you can use the product in UK, Europe, Australia and the United States.

- 2.5 A 5.0 V power supply
- 1.5 m cable with In-line switch
- Short circuit, over-current and over-voltage protection
- Low standby current consumption
- Class II double insulated
- ERP level 6 efficiency rating

## Specifications

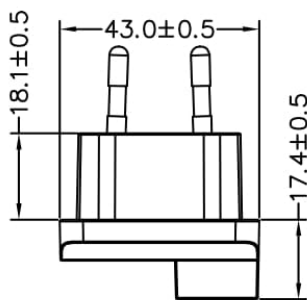
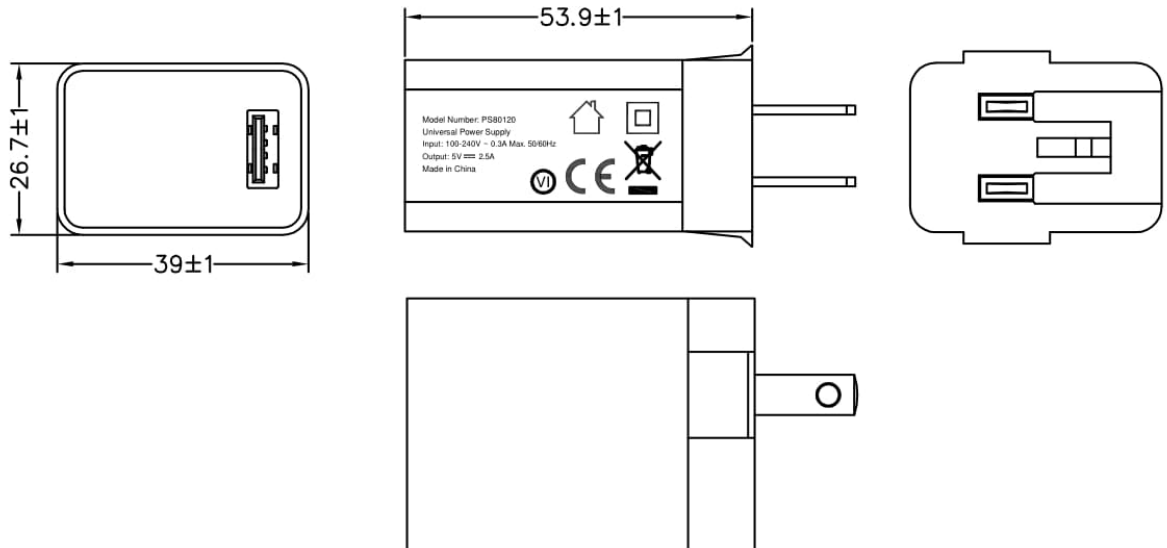
Input Voltage Range	100-240Vac
Input Frequency Range	50/60Hz
Input Current Rated	0.3A Max.
Input A/C Heads	USA, Euro, UK & AUS/NZ
Output Voltage Rating	5.0V
Output Current Max	2.5A
Output Current Min	0A
Output Connection Type	USB A(F)
Total Output Regulation	±5%V
Line Regulation	±3%
Ripple & Noise	<250 mVp-p
Efficiency	80.22%
Over Voltage Protection	10VDC Max.
Over Current Protection	3.75A maximum with auto-recovery function
Short-Circuit Protection	The adapter shall not be damaged by short the DC output to Ground
Over temperature protection	Circuit protection if the temperature of main IC components over 150 °C
Operating Temperature	0°C to 40 °C
Storage Temperature	-20°C to +70°C
Operating Humidity	35 to 85%
Storage Humidity	5 to 95%
Hi-Pot	3000VAC 5mA 3s
Leakage Current	0.25mA Max

Safety Standard	IEC60950-1:2005,IEC60950-1:2005/AMD1:2009,IEC60950-1:2005/AMD2:2013, IEC60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 EN 55032:20156,EN55032:2012,EN61000-3-2:2014,EN61000-3-3:2013,
EMI Standard	EN55024:2010+A1:2015,EN55024:2010 and EN55035:2017
MTBF	50K Hours
Size mm max.	39(L)x26.7(W)x53.9(H)
Weight	44.6±15%g

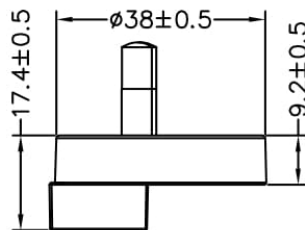
### Usage :

This Universal Power Supply Unit is not only compatible for Raspberry Pi 3, it can also charge many mobile devices.

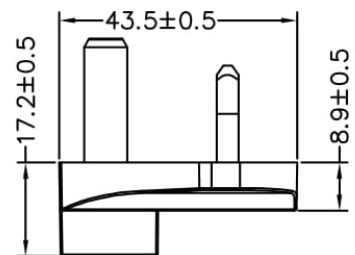
## Diagrams



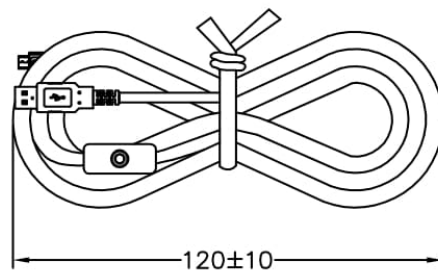
EU Plug



AU Plug



UK Plug



# USB Male to Micro USB Male with In-line Switch

