



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



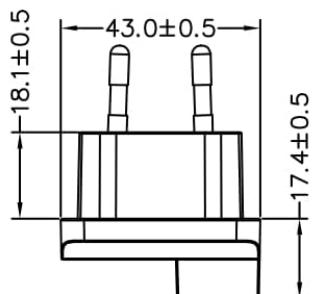
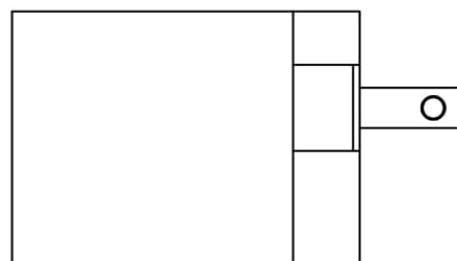
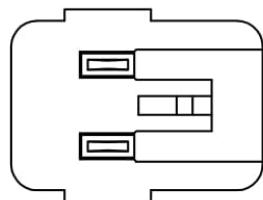
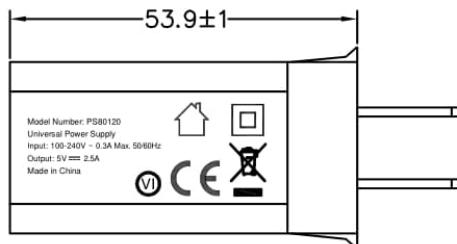
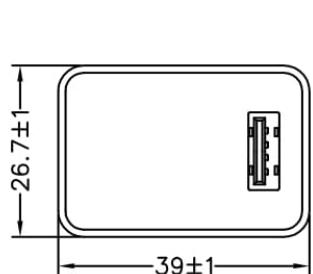
Safety Standard	IEC60950-1:2005, IEC60950-1:2005/AMD1:2009, IEC60950-1:2005/AMD2:2013, IEC60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
EMI Standard	EN 55032:20156, EN55032:2012, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010+A1:2015, EN55024:2010 and EN55035:2017
MTBF	50K Hours
Size mm max.	39(L)x26.7(W)x53.9(H)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

Usage :

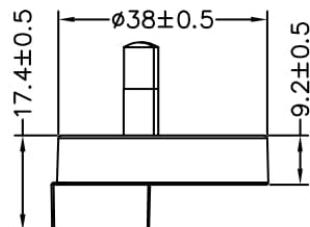
This Universal Power Supply Unit is not only compatible for Raspberry Pi 3, it can also charge many mobile devices.



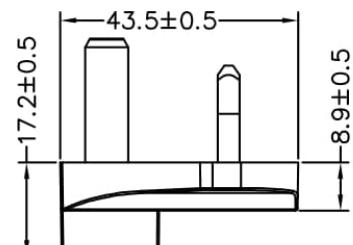
Diagrams



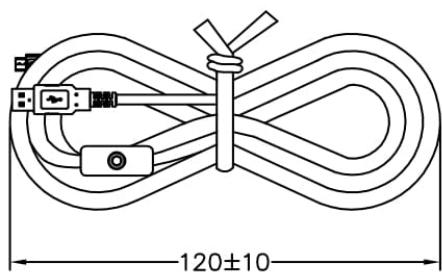
EU Plug



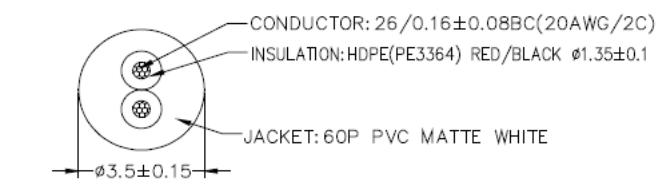
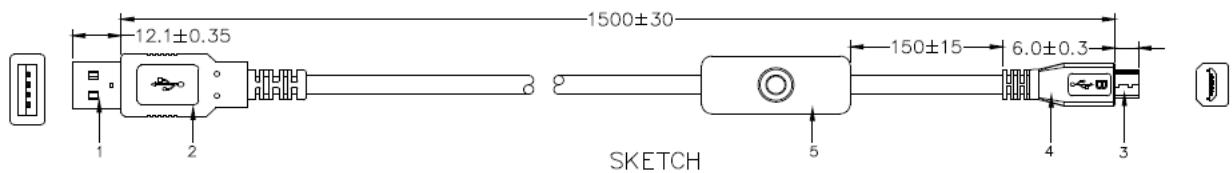
AU Plug



UK Plug



USB Male to Micro USB Male with In-line Switch



CABLE SECTIONAL VIEW

