Raspberry Pi B+ Power Supply
Australian Plug

pro-POWER

Specifications:

Input Characteristics:

Rated Voltage	:100-240V AC
Variation Range	: 90-264V AC
Rated Frequency	: 50/60Hz
Variation Frequency	: 47-63Hz
Input Current	: 0.5A max at any input voltage and rated, DC output rated load.
Inrush Current	: 50A max. Cold start at 220V AC input, with rated load and 25 ambient.
AC Leakage Current	: 0.25mA Max. at 240V AC input
No-load input power	: When the no-load output, 230V AC input, the input power 0.3W Max.

Output Characteristics:

Power output

Voltage	Min. Load	Rated. Load	Peak	Output Power
5V DC	0.01A	2A	-	10W

Combined Load/Line Regulation

Voltage	Min. Load	Rated. Load	Voltage range	Load Regulation
5V DC	0.01A	2A	4.75 to 5.25V DC	±5%

Ripple and Noise

Under rated voltage and rated load, the ripple and noise are as follows when measure with Max. Band width of 20MHz and Parallel 10μF/0.1μF,crossed connected at testing point.

Voltage	Ripple and Noise (Max.)
5V DC	80mV p-p

Turn on delay time	: 3 seconds Max. at 115V AC input and output Max. load
Rise time	: 10ms Max. at 115V AC input and output Max load
Hold up time	: 5ms Min. at 115V AC input and output Max. load
Efficiency	: 75% Min. at 115V AC input and output Max. load
	: 75% Min. at 230V AC input and output Max. load

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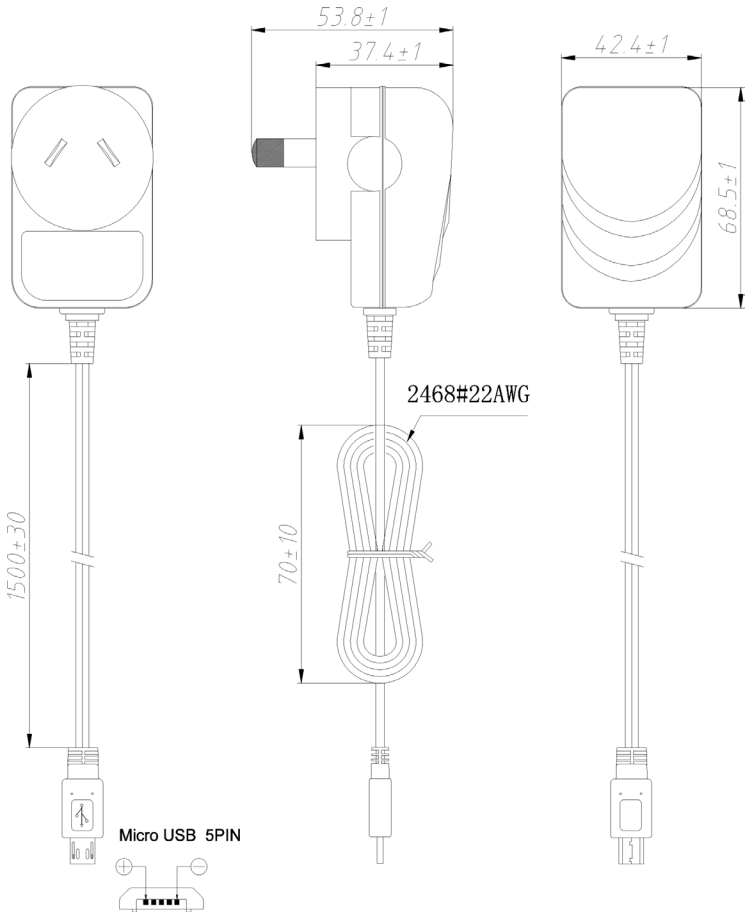
Protection Requirement:

Short circuit protection	: The power supply will be auto recovered when short circuit faults remove
Over Current Protection	: When adjusted to 3.5A output current. Automatic Protection
Over Voltage Protection	: The power supply will auto recovered when faults remove 150% to 180%

Environmental Requirement:

Operating Temperature	: 0°C to 40°C / Full load, Normal operation
Storage Temperature	: -10°C to 80°C



Dimensions : Millimetres

Part Number Table

Description	Part Number
Powersupply, USB, 5V, 2A, Aus	PSU-RASPBERRY-PI-2A-5V

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