

Micro USB International Power Supply - 1.8 Amp

PowerPax



This high power Micro USB International Power Supply is rated to 5vdc 1.8 amps and comes complete with a set of 4 interchangeable AC pins for UK, European, USA and Australian use. It is suitable for a wide range of applications including Raspberry PI, charging various smartphones and tablets and a wide range of other electronic devices. This unit provides a highly reliable and efficient output meeting latest ErP stage 2 requirements and carries safety approvals for its intended markets. Short circuit and over current protection as standard. This micro USB power supply has M.T.B.F of 50K hours at 25 degrees C.

Part Numbers	SW4600
Output	5vdc 1.8A maximum
Current Min.	0.01A
Power	9 Watts
Line Reg	+/-5% at rated load
Total Output Regulation	+/-5 % at 0—100% load
Ripple & Noise (mV p-p)	100mV P-P
Protections	Over Current and Short Circuit
Case Size	See page 2
DC Plug	Micro USB
Rated Input Voltage	100-240Vac
Full Input Voltage Range	90-264Vac
Rated Frequency	50-60Hz
Full Frequency Range	47-63Hz
Efficiency	72.58% Minimum- UK version
Power & Efficiency curve	See page 4

Leakage Current	shall not exceed 0.25mA
Input Power	13.05W max
Input Current (RMS Max.)	0.4A max
Hi-Pot Spec	3000Vac 10mA 1 min. (I.P. to O.P.)
Output cable	1.8 Metres 20AWG 3.5Q round
Operating Temperature	0 to 40 degrees C
Storage Temperature	-20 to 80 degrees C
Operating Humidity	10% to 90%
Safety Approvals	BS EN60950-1 / CE marked TUV/VDE, TCA AS/NZ60950 UL 60950, CSA C22.2 No 950
EMC Standards	EN55022:2010 Class B / FCC Part B / GB9254-2008
MTBF	50K Hours at 25 degrees C
Polarity	Pin 1 +, Pin 5 -
MTBF	50K Hours at 25 degrees C
Plastic Case	UL94V-1

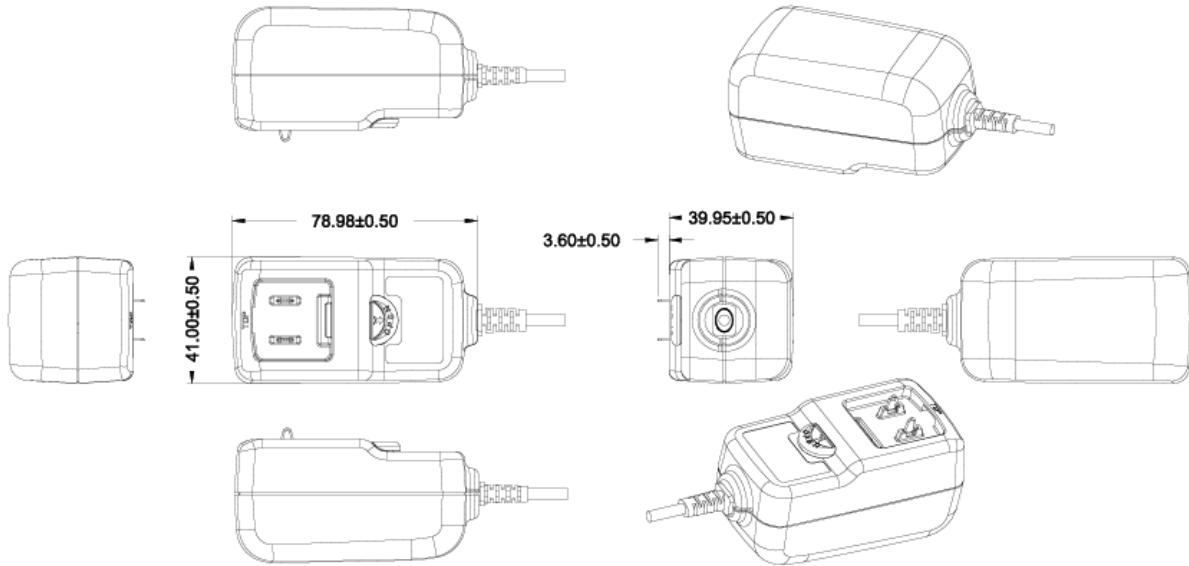
See mechanical drawings on following pages.

Full spec sheet on this PSU is available on request. PowerPax Ltd accepts no responsibility for typographical errors in the production of this leaflet. Product specifications are subject to change without notice

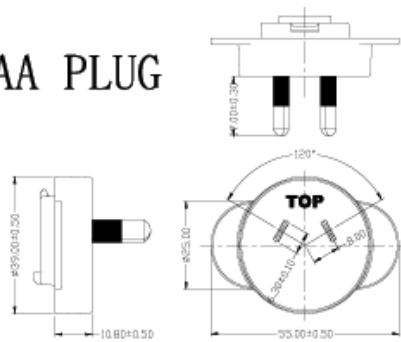


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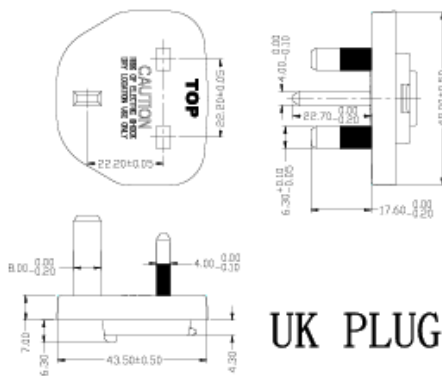
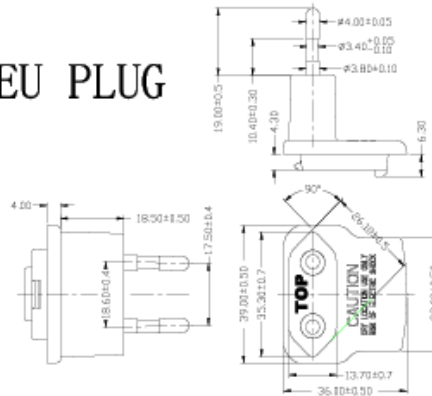
Mechanical drawing:



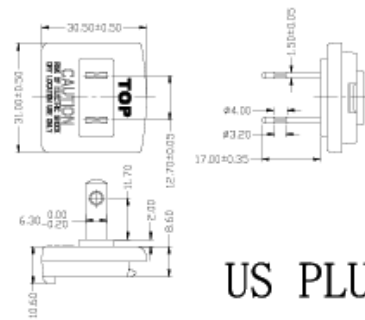
SAA PLUG



EU PLUG



UK PLUG

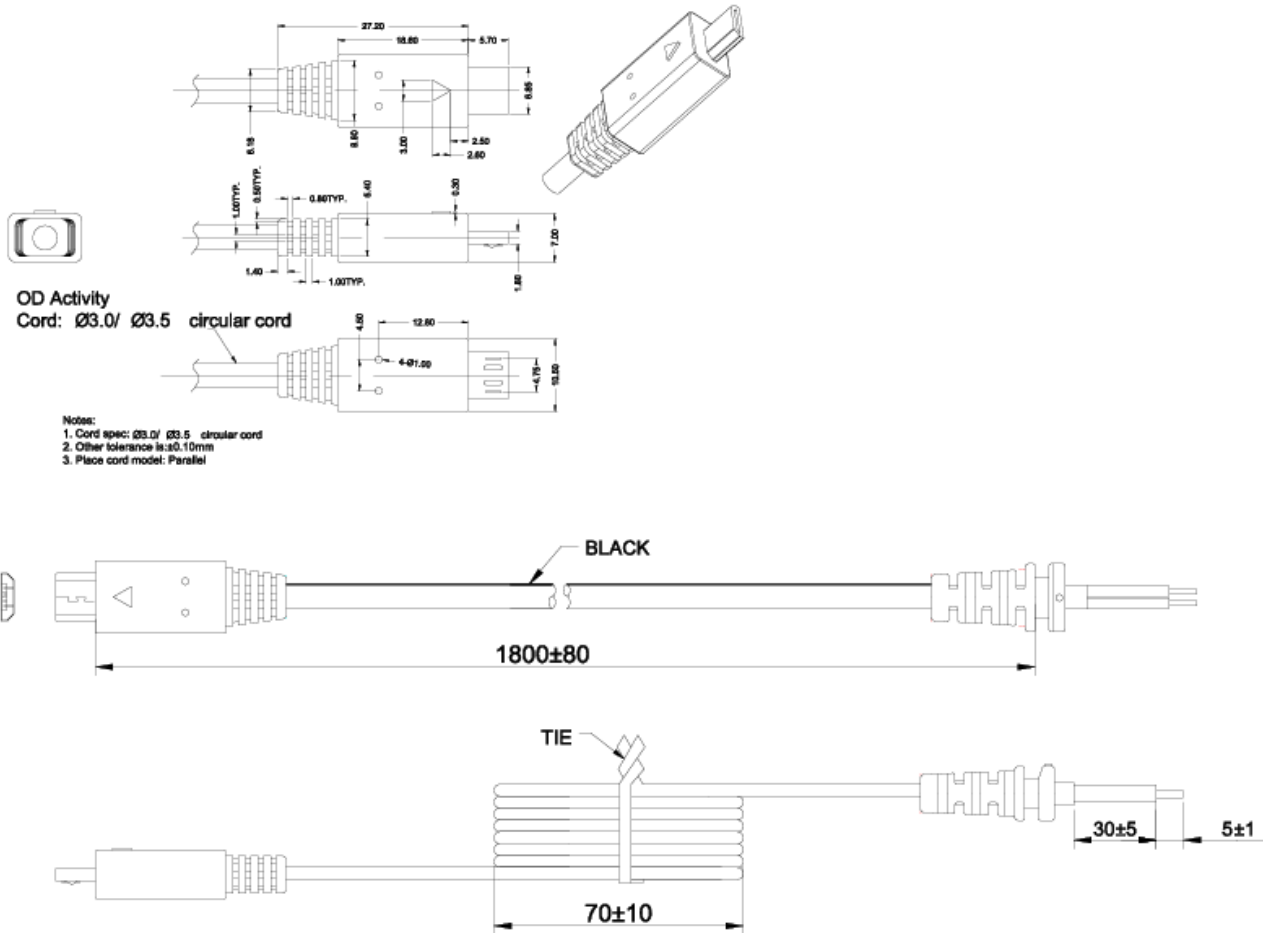


US PLUG

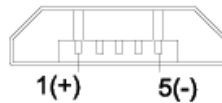
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Cable drawing:

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**NOTE:1.WIRE TYPE:VW-1 80°C 300V L=1800mm 2464 3.5Ø 20AWG BLACK
 2.THE POLARITY:PIN1: "+", PIN5:"-"
 3.PAHS+REACH+ROHS**



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Power and Efficiency Curve

