

WATT POWER SOLUTIONS

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WPPS70120 Desktop Data Sheet



The WPPS70120 is a grounded, single phase, 70 watt, single output 12v, vented, switching adapter

Input Voltage	90-264VAC	47-63Hz
Input Current	1.5A at 90VAC	
Inrush Current	50A at 230VAC Cold start	
Efficiency	80% at 110VAC full load	

Output Characteristics	12v 5.8A (70w max)
Voltage Regulation	+/-3%
Ripple and Noise	120mV max. 20MHz bandwidth, measured by using 0.1uF CC and 10uF/50V EC, bypassed at the output connector

Hold-up Time 10ms typical at full load 115VAC

Over Voltage Protection 13.2VDC to 14.5VDC. The power supply will latch off and will automatically recover on removal of the fault.

Short Circuit Protection Short circuit occurring on the output will not cause any damage to the power supply, but will shut it down. The power supply will automatically recover on removal of the fault.

Safety

Dielectric withstand:	Primary to Secondary 3000VAC for 60 seconds.
	Primary to Frame Ground 1500VAC for 60 seconds
Insulation resistance:	Primary to Secondary; 50 Meg. Ohms Min 500VDC
	Primary to Frame Ground; 20Meg. Ohms Min. 500VDC

UL 1950 CSA 22.2-234 TUV EN60950 IEC 950 CE : EMC & LVD

Electromagnetic Compatibility

Test for conformance to this requirement will be performed with the host system.
FCC requirements are complied to FCC rules and regulations Part 15, Subpart J.
'Class B' limits.
The adapter shall conform with the 'Class B' requirement of EN55022

Reliability Operating temperature: 0 degC to +40 degC ambient.

Mechanical Dimensions 155(L) x 85(W) x 50Hmm
Input connector IEC320-C13. Output connector 2.5mm Centre Positive.

E & OE This Specification can change without notice

