

12vdc 2A (24 Watt) Power Supplies



Description:

These 12VDC 2A power supplies have a 90-264vac input & a standard 3 pin IEC320 C14 (Class I) input connector. Rated to 24 Watts the units carry full international safety approvals making them suitable for world use. Meeting latest ErP Level VI efficiency requirements the units features high reliability with a M.T.B.F of 50K hours at 25 degrees C. The unit provides a single voltage regulated output & are fitted with a choice of either 2.1 x 5.5 x 12mm connector (Part SW4171-C) or 2.5 x 5.5 x 12mm (SW4171-D). Polarity + (positive).

General Spec

Part Number	SW4171-C (2.1 x 5.5 x 12mm DC connector)	
	SW4171-D (2.5 x 5.5 x 12mm DC connector)	
Output	12vdc regulated (2A max)	
Current Min.	0.0A	
Power (watts)	24W Max	
Line Reg	+/-5% at rated load	
Total Output Regulation	+/-5 % at 0—100% load	
Ripple & Noise (mV p-p)	120mV P-P	
Protections	Over Current, Short Circuit, Over voltage protection	
Case Size	100 x 50 x 33mm	
Weight (approx.)	170g	
DC Cord	1.5 Metres	
DC Plug	as above	
Rated Input Voltage	100-240Vac	
Full Input Voltage Range	90-264Vac	
Rated Frequency	50-60Hz	
Full Frequency Range	47-63Hz	
Efficiency	Level VI	
	Safety	UL, CUL, PSE, BSMI, RCM, GS (CE)
	Input Current.	0.58A max
	Hi-Pot Spec	3000Vac 10mA 1 min. (I.P. to O.P.)
	No load power consumption	Max 0.1W
	Operating Temperature	0 to 40 degrees C
	Storage Temperature	-20 to 80 degrees C
	Operating Humidity	10% to 90%
	Pb-free	Yes RoHS Compliant
	MTBF	50K Hours at 25 degrees C

Full specification documents on each part included in this data sheet are available on request from PowerPax UK Ltd. PowerPax accepts no responsibility for typographical errors in the production of this leaflet. Product specifications are subject to change without notice

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Example nameplate



Dimensions

