

120W Desktop Power Supplies

PowerPax



A 3 pin C14 input connector is pictured above which fitted as standard. The 3 pin C6 input connector is available on request (made to order)

Features:

- Universal / Full range AC input
- Class I power (Choice of C6 or C14 input)
- Fully enclosed attractive plastic case
- Protections: Over Voltage, Short circuit, Over Current and Over Temperature
- Cost effective and high reliability
- Comprehensive safety approvals for world use
- Level V ErP/EuP efficiency compliant
- MTBF >50,000 hours

Safety & Emissions:

CB, UL, CuI, FCC, GS, CE, PSE, BSMI, CCC

EMI Conduction & Radiation: Compliance to EN55022 Class B

Harmonic current: Compliance to EN61000-3-2, 3

EMS Immunity: Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11

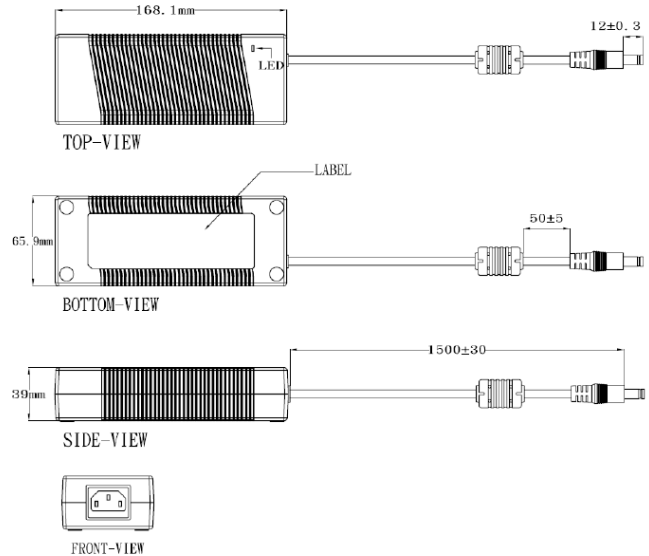
Topology: Switching Flyback

Efficiency: Energy Star level V, Erp Stage 2, gems & NRCAN certified, CEC V



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 datasheet. Product specifications are subject to change without notice. The product image shown is representative of entire range.

Current Min.	0.01A
Input current	2A max @ 230vac (5A @ 115vac)
Load Regulation	+/-5 % Typical
Case Size	168 x 66 x 39mm
DC Cord	1.5 Metres (1.2M for SW3477B)
Output Connector Polarity	+Ve Centre
Rated Input Voltage	100-240Vac (90-264vac max)
Rated Frequency	50-60Hz (47/63Hz max)
Efficiency	Meets ErP stage 2
Operating Temperature	0 to 40 degrees C
Storage Temperature	-20 to 80 degrees C
Operating Humidity	10% to 90%
Ripple & Noise	1—2% Vp-p Max of O/P V at Full load
Weight	590g
Hi-Pot Spec	3000Vac 10mA 1 min. (I.P. to O.P.)
No load power consumption	0.5W max



The dimensions of the 12vdc 10 amp part number SW3477B differ from the rest of the products in this range and are 179 x 65 x 40mm

Other DC output connectors and negative centre polarity can be provided on request



Part number	Output	Power	Input connector	Output connector
SW3477B	12vdc 10 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre
SW3821	15vdc 8 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre
SW4586	16vdc 7.5 Amp	120 Watts	C14 3 pin (IEC)	2.5 x 5.5 x 12mm straight Polarity +ve centre
SW4587	18vdc 6.6 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre
SW4588	19vdc 6.3 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre
SW4589	20vdc 6 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre
SW3479	24vdc 5 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre
SW4590	30vdc 4 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre
SW3634	48vdc 2.5 Amp	120 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre