

65W to 72W Desktop Power Supplies

PowerPax



A 3 pin C14 input connector is pictured above. A number of units in this range are supplied with a 2 pin C8 input connector. 3 pin C5 input available on request

Features:

- Universal / Full range AC input
- Choice of Class I / Class II power (2 or 3 pin input)
- Fully enclosed attractive plastic case
- Small & Compact design
- Cost effective and high reliability
- Protections Over Voltage, Short circuit & Over Current
- Comprehensive safety approvals for world use
- Level V updating to Level VI efficient after Feb
- MTBF >50,000 hours

Safety & Emissions:

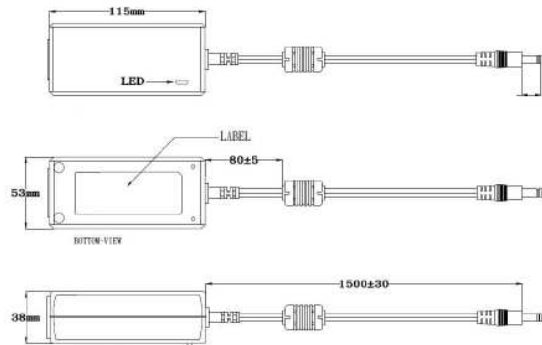
CB, UL, Cul, FCC, GS, CE, PSE, BSMI, CCC
 EMI Conduction & Radiation: Compliance to EN55022 Class B
 Harmonic current: Compliance to EN61000-3-2, 3
 EMS Immunity: Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11
 Topology: Switching Flyback
 Efficiency: Energy Star level V, Erp Stage 2, gems & NRCAN certified, CEC V
 For all Class I (3 pin input) units AC Ground (Earth) is connected to negative of DC output connector

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	1.4A max 65W / 1.6A max 72W
Load Regulation	+/-5 % Typical
Case Size	115 x 53 x 38mm
DC Cord	1.5 Metres
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	310g
Hi-Pot Spec	3000Vac 10mA 1 min. (I.P. to O.P.)
No load power consumption	0.5W max



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



Part number	Output	Power	Input connector	Output connector	Ripple & Noise
SW3101C	12vdc 5 Amp	60 Watts	C8 2 pin (Fig.8)	2.1 x 5.5 x 12mm straight Polarity +ve centre	120mV
SW3783A	12vdc 5 Amp	60 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	120mV
SW4380-B	12vdc 5 Amp	60 Watts	C14 3 pin (IEC)	2.5 x 5.5 x 12mm straight Polarity +ve centre	120mV
SW3837	15vdc 4.3 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	150mV
SW4574	16vdc 4.07 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	160mV
SW3673	18vdc 3.62 Amp	65 Watts	C8 2 pin (Fig.8)	2.1 x 5.5 x 9.5mm straight Polarity +ve centre	180mV
SW4575	19vdc 3.79 Amp	72 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	190mV
SW4325	20vdc 3.25 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	200mV
SW3784-A	24vdc 2.71 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	240mV
SW3923B	24vdc 2.71 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	240mV
SW4578	24vdc 3 Amp	72 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	240mV
SW4327A	30vdc 2.17 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	200mV
SW4576	32vdc 2.04 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	320mV
SW4328-B	48vdc 1.36 Amp	65 Watts	C14 3 pin (IEC)	2.1 x 5.5 x 12mm straight Polarity +ve centre	200mV