

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
- MTBF >50,000 hours

Safety & Emissions:

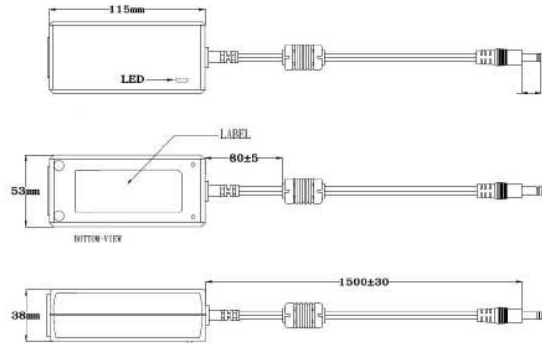
CB, UL, Cui, FCC, GS, CE, PSE, BSMI, CCC
 EMI Conduction & Radiation: Compliance to EN55022 Class B
 Harmonic current: Compliance to EN61000-3-2, 3
 EMS Immunity: Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11
 Topology: Switching Flyback



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 | DoE CEC VI / rP 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 | 0.21W max |



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



| Part number | Output | Power | Input connector | Output connector | Ripple & Noise |
|-------------|----------------|----------|------------------|--|----------------|
| SW3101D | 12vdc 5 Amp | 60 Watts | C8 2 pin (Fig.8) | 2.1 x 5.5 x 12mm straight Polarity +ve centre | 120mV |
| SW3783B | 12vdc 5 Amp | 60 Watts | C14 3 pin (IEC) | 2.1 x 5.5 x 12mm straight Polarity +ve centre | 120mV |
| SW4380-C | 12vdc 5 Amp | 60 Watts | C14 3 pin (IEC) | 2.5 x 5.5 x 12mm straight Polarity +ve centre | 120mV |
| SW3837-D | 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 |
| SW3673B | 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 3.43 Amp | 65 Watts | C14 3 pin (IEC) | 2.1 x 5.5 x 12mm straight Polarity +ve centre | 190mV |
| SW4325C | 20vdc 3.25 Amp | 65 Watts | C14 3 pin (IEC) | 2.1 x 5.5 x 12mm straight Polarity +ve centre | 200mV |
| SW3784-B | 24vdc 2.71 Amp | 65 Watts | C14 3 pin (IEC) | 2.1 x 5.5 x 12mm straight Polarity +ve centre | 240mV |
| SW3923C | 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 |
| SW4327C | 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-C | 48vdc 1.36 Amp | 65 Watts | C14 3 pin (IEC) | 2.1 x 5.5 x 12mm straight Polarity +ve centre | 200mV |
| SW4644 | 56vdc 1.17 Amp | 65 Watts | C14 3 pin (IEC) | 2.1 x 5.5 x 12mm straight Polarity +ve centre | 200mV |

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