

## 6W Interchangeable AC pin power supplies



### Description:

This range of 6W power supplies have a 90-264vac input and comes supplied complete with UK, European, USA and Australian pins as standard. They carry full international safety approvals making them suitable for world use. All units meet latest ErP stage 2 requirements and have high reliability with M.T.B.F of 50K hours at 25 degrees C. Each unit provides a single voltage regulated output and is fitted with a 2.1 x 5.5 x 12mm connector. Polarity + ve centre



### General Spec

|                                    |   |                                  |   |
|------------------------------------|---|----------------------------------|---|
| <b>Part Numbers</b>                | see table on page 2                           | <b>Leakage Current</b>           | shall not exceed 0.25mA                           |
| <b>Output</b>                      | see table on page 2                           | <b>Input Power</b>               | 7.72W max   |
| <b>Current Min.</b>                | 0.01A   | <b>Input Current (RMS Max.)</b>  | 0.18A max   |
| <b>Power (watts)</b>               | 6W  | <b>Hi-Pot Spec</b>               | 3000Vac 10mA 1 min. (I.P. to O.P.)                |
| <b>Line Reg</b>                    | +/-5% at rated load                           | <b>No load power consumption</b> | 0.3W max  |
| <b>Total Output Regulation</b>     | +/-5 % at 0—100% load                         | <b>Operating Temperature</b>     | 0 to 40 degrees C                                 |
| <b>Ripple &amp; Noise (mV p-p)</b> | 200mV P-P                                     | <b>Storage Temperature</b>       | -20 to 80 degrees C                               |
| <b>Protections</b>                 | Over Current and Short Circuit                | <b>Operating Humidity</b>        | 10% to 90%  |
| <b>Case Size</b>                   | 55 x 45 x 36mm excl. AC pins                  | <b>Safety Approvals</b>          | CE, TUV, C-Tick, cUL                              |
| <b>Weight (approx.)</b>            | 160g with all 4 AC pins & box                 | <b>EMC Standards</b>             | EN55022:2006+A1:2007<br>/ EN6100-3-2 / EN6100-3-3 |
| <b>DC Cord</b>                     | 1.8 Metres                                    | <b>Pb-free</b>                   | Yes RoHS Compliant                                |
| <b>DC Plug</b>                     | 2.1 x 5.5 x 12mm +ve centre                   | <b>MTBF</b>                      | 50K Hours at 25 degrees C                         |
| <b>Rated Input Voltage</b>         | 100-240Vac                                    |                                  |   |
| <b>Full Input Voltage Range</b>    | 90-264Vac                                     |                                  |   |
| <b>Rated Frequency</b>             | 50-60Hz                                       |                                  |   |
| <b>Full Frequency Range</b>        | 47-63Hz                                       |                                  |   |
| <b>Efficiency</b>                  | Meets ErP stage 2<br>See individual full spec |                                  |   |

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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| PowerPax part number |  | Output         |
|----------------------|--|----------------|
| SW4453               |  | 5vdc 1.2 amp   |
| SW4454               |  | 6vdc 1 amp     |
| SW4455               |  | 7.5vdc 0.8 amp |
| SW4456               |  | 9vdc 0.67 amp  |
| SW4457               |  | 12vdc 0.5 amp  |
| SW4458               |  | 15vdc 0.4 amp  |
| SW4459               |  | 24vdc 0.25 amp |