

# Plug Top & Desk Top Power Adaptors



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PSD40-65 Series

40-65 Watts Switch Mode

Universal AC Input

## Features

- This unique adaptor can be used either as a desk top power supply, with a figure of eight input plug, or wall mounted using interchangeable AC plugs
- UK, Euro, USA & Australian input plugs
- Universal 90-264VAC Input
- Optional Output Connector
- Full Safety Approvals
- Class II insulation



## Electrical Specification

|                                         |                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------|
| AC Input                                | 90-264VAC                                                                    |
| Short Circuit & Over Current Protection | Auto Recovery                                                                |
| Input Frequency                         | 47-63Hz                                                                      |
| Over Voltage Protection                 | Standard                                                                     |
| Max Input Current                       | 2A Max                                                                       |
| Operating Temperature                   | 0 to 40°C                                                                    |
| Max Inrush Current                      | 30 Amps                                                                      |
| Storage Temperature                     | -20 to +85°C                                                                 |
| Efficiency                              | 70% typical                                                                  |
| Operating Humidity                      | 5-90% Non Condensing                                                         |
| DC Output                               | See table                                                                    |
| Dimensions                              | 114 x 53 x 34mm                                                              |
| Ripple & Noise                          | 1% Vout                                                                      |
| Safety Approvals                        | UL, cUL, TUV (EN60950)                                                       |
| EMC                                     | Conforms to EN55022 & FCC'B'                                                 |
| Output Connector                        | Standard is 2.5 x 5.5 x 9.5mm centre positive<br>(Other connectors optional) |

| MODEL        | OUTPUT VOLTAGE | OUTPUT CURRENT |
|--------------|----------------|----------------|
| PSD40-050-02 | 5V DC          | 8 AMPS         |
| PSD45-130-02 | 13V DC         | 3.46 AMPS      |
| PSD45-140-02 | 14V DC         | 3.21 AMPS      |
| PSD65-120-02 | 12V DC         | 5.42 AMPS      |
| PSD65-150-02 | 15V DC         | 4.33 AMPS      |
| PSD65-160-02 | 16V DC         | 4.06 AMPS      |
| PSD65-180-02 | 18V DC         | 3.61 AMPS      |
| PSD65-190-02 | 19V DC         | 3.61 AMPS      |
| PSD65-200-02 | 20V DC         | 3.25 AMPS      |
| PSD65-240-02 | 24V DC         | 2.7 AMPS       |

### Note:

Suffix -02 denotes the standard 2.5 x 5.5 x 9.5mm output connector, other connector versions will have a different 2 digit suffix.

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