

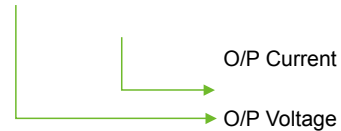


PowerPax UK

30 / 40 Watt Series

Small Size Desktop Type - Due to launch June 2010

PTD-□□□ □□



Green Mode

Meet CEC , Energy Star & ERP Regulations
No Load Power Consumption Less Than 0.3W

Features:

- Smaller Size of 88 x 50 x 34mm
- 100-240VAC Universal Input
- Single output to 30-40W
- Regulated Output with Low Ripple Noise
- Meets Safety Agency Requirements and Complies EMI/EMS
- Private Label Marking Available
- Modified and Custom Designs Available
- 1 Year Warranty

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / LPS

Electrical

| | |
|----------------------------|---------------------------------------------------|
| Topology | Switching Flyback |
| Dielectric Withstand | 3000 VAC Primary - Secondary |
| Leakage Current | 0.25mA @ 2 Pin |
| Efficiency | Meet Energy Star Level V & ERP Stage 2 |
| 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 |
| MTBF | 50,000 Calculated Hours at 25°C, by MIL-HDBK-217F |

| Model | O/P Voltage | O/P Current | Watt |
|-----------|-------------|-------------|--------|
| PTD-08030 | 8.4V | 3.0A | 25.2 W |
| PTD-09030 | 9.0V | 3.0A | 27.0 W |
| PTD-12025 | 12.0V | 2.5A | 30.0 W |
| PTD-15020 | 15.0V | 2.0A | 30.0 W |
| PTD-09040 | 9.0V | 4.0A | 36.0 W |
| PTD-12033 | 12.0V | 3.3A | 39.6 W |
| PTD-15026 | 15.0V | 2.6A | 39.0 W |
| PTD-16025 | 16.0V | 2.5A | 40.0 W |
| PTD-18022 | 18.0V | 2.2A | 39.6 W |
| PTD-24016 | 24.0V | 1.6A | 38.4 W |

Input

| | |
|----------------|------------------------------------------------|
| Voltage | 100-240 VAC |
| Line Frequency | 50-60Hz |
| Current | 0.7A Max. |
| Protection | Internal Primary Current Fuse, Inrush Limiting |
| Configuration | IEC320/ C8 |

Output

| | |
|--------------------|----------------------------------------------------------------------------|
| Load Regulation | ± 5% |
| Ripple | 1~2% V p-p Max. for Output Voltage @ Full Load |
| Transient Response | 0.5ms for 50% Load Change Typical |
| Holdup Time | 10mS @ Full Load |
| Protection | Short Circuit Protection/ Over Voltage Protection/ Over Current Protection |
| DC Cord | 20AWG / 18AWG |
| Ferrite Core | Yes |

Environmental

| | |
|------------------------|--------------------------------------------------|
| Operatring Temperature | 0 to +40°C |
| Storage Temperature | -20 to +80°C |
| Relative Humidity | Operating: 20 to 80% RH Storage: 10 to 90% RH |
| Cooling | Natural Convection Cooling |

Mechanical

| | |
|-----------------|----------------------|
| Case Dimensions | L88 x W50 x H34 (mm) |
| Weight | 186g (reference) |

