

# PW170KB

## Universal 10-15 Watt Series



**ITE / Switch Mode Power Supply**

**3 Year Warranty**

- 100-240 VAC Universal Input
- Desktop and Wall Plug Style with Interchangeable Blades\* (Kit Sold Separately)
- Single Output to 15W
- Eight Models Available; 5V to 48V
- Regulated Output with Low Ripple
- Impact Resistant Polycarbonate Enclosure
- Modified and Custom Designs
- No Load Power Consumption < 0.50W
- Designed to Meet EISA Requirements — see reverse side for details



\*Photo shows optional blades kit



**International Safety Standard Approvals**



## Specifications

### Output Specifications

Line and Load Regulation (Excluding cord)	Line Voltage +/-1% Load Voltage +/-5%
Ripple	1% Vp-p max.
Transient Response	0.5ms for 50% Load change Typical
Protection	Over-current Protection (Hiccup) Short Circuit Protection

### Input Specifications

Input Voltage Range	Universal input	100-240VAC -10%, +10%
Line Frequency		47-63Hz
Input Current	90VAC Input	0.4A max.
Protection		Internal Primary Current Fuse, Inrush Limiting

### Environmental Specifications

Thermal Performance	Operating temperature full load, no derating convectional cooling Non vented case	0° C to 40° C
Relative Humidity	Non-condensing	5% to 95%
Altitude		0-10,000 feet

### General Specifications

Topology	Switching-Fixed Frequency Flyback
Efficiency	Designed to Meet EISA Requirements — see reverse side
Hold-up Time	@115VAC 18ms min.
Dielectric Withstand	3,000VAC or 4,250VDC Primary-Secondary 1,500VAC or 2,150VDC Primary-F.G.; 500VDC Secondary-F.G.
Storage Temp	-30° C to 85° C
Approvals and Safety Standards	UL60950-1, IEC/EN60950-1 EMC : EN55022/55024/61000
MTBF	100,000 Calculated Hours
Case and Dimension	Desktop Style 3.30L x 1.81W x 1.26H (in) 84.0L x 46.0W x 32.0H (mm)
Case Material	Black 94V0 Polycarbonate
Cord and Connectors	18AWG 1,800mm 2 Conductor. (5V, 6V Model: 1,500mm). Ault #3 Connector. Other connectors are also available.

