



## AC/DC Switching Adapter-Single Output

## PT080 Series 80-100 Watts

### FEATURES

- High Reliability
- 100% BURN-IN Tested
- 100% Hi-Pot tested
- Safety Approvals, EMC compliance
- 40mm cooling fan.

### ELECTRICAL SPECIFICATIONS

- Input range : 115/230VAC (Auto Range)
- Frequency : 47 - 63Hz
- Input current (rms) : 2A @ 90VAC; 1A @ 264VAC MAX.
- Efficiency : >80% @ full load, 115VAC
- Output Voltage : +5V ~ +48V
- Voltage regulation : ±3%
- Maximum power (Po) : 100W
- Ripple & Noise : 1%
- Hold-up time : >16ms typical at full load @ 115VAC
- Protection : Over voltage protection, AC recycle;  
Short circuit protection; Shutdown mode.



Dimension : L188.5×W104.5×H60mm  
AC Input : IEC 320-C14 Inlet

### SAFETY STANDARDS

- UL 60950
- CSA C22.2 No.60950
- TUV EN60950

### EMI STANDARDS

- FCC Class B
- CISPR22 Class B
- EN 55022 Class B
- CE

### ENVIRONMENTAL

- Operating temperature : 0°C to +40°C
- Storage temperature : -10°C to +70°C
- MTBF : >100,000 hours at full load and 25°C ambient temperature

### DC OUTPUT & FEATURES

Model	Output Rating		Po
PT080-05-B	5V	16A	80W
PT080-06-B	6V	13.33A	80W
PT080-07-B	7V	11.42A	80W
PT080-08-B	8V	10A	80W
PT080-09-B	9V	8.8A	80W
PT080-10-B	10V	8A	80W
PT080-11-B	11V	7.72A	80W
PT080-12-B	12V	6.66A	80W
PT080-13-B	13V	6.15A	80W
PT080-14-B	14V	5.71A	80W
PT100-15-B	15V	6.66A	100W
PT100-16-B	16V	6.25A	100W

Model	Output Rating		Po
PT100-17-B	17V	5.88A	100W
PT100-18-B	18V	5.55A	100W
PT100-19-B	19V	5.26A	100W
PT100-20-B	20V	5A	100W
PT100-21-B	21V	4.76A	100W
PT100-22-B	22V	4.54A	100W
PT100-23-B	23V	4.34A	100W
PT100-24-B	24V	4.16A	100W
PT100-32-B	32V	3.13A	100W
PT100-33-B	33V	3.03A	100W
PT100-36-B	36V	2.78A	100W
PT100-48-B	48V	2.09A	100W

**Note:** 1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.



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