

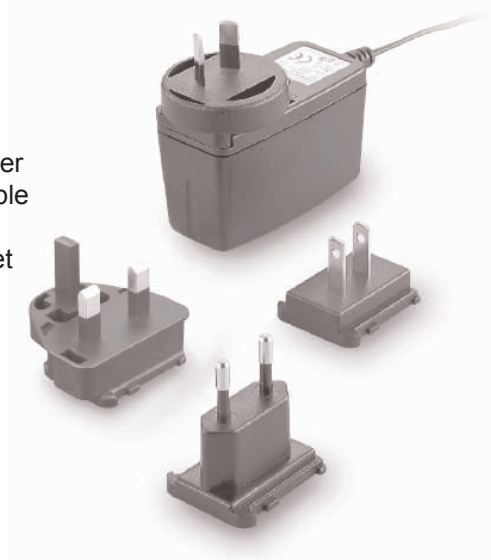
Plug Top Power Adaptors



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PPT10E Series 10 Watt Switch Mode Universal AC Input

The PPT10E series of CEC level IV compliant AC-DC Power Adaptors offer user interchangeable AC input plugs to enable operation in many different countries. Adaptors can be ordered with up to 4 different interchangeable plugs to meet the power socket requirements of most countries.



Features

- Universal Input Range 90-264VAC
- Over Current & Continuous Short Circuit Protection
- Conductive EMI Meets CISPR/FCC Class B
- CEC Level IV Compliant (Output cable length ≤1800mm)
- Optional Output Connector

Electrical Specification

INPUT

Input Voltage Range	90 - 264Vac
Frequency	47 - 63Hz
Input Current	0.4A max.
Inrush Current	40A max. @ 240Vac
Isolation - Input/Output	4242VDC
Leakage Current	0.25mA max.

OUTPUT

Hold-up Time	10mS typ. @ 115Vac
Short Circuit Protection	Continuous (Auto Recovery)
Over Current Protection	Constant Current type
Over Voltage Protection	Yes

ENVIRONMENTAL

Operating Temperature Range	0°C to +40°C
Storage Temperature Range	-20°C to +85°C
Cooling	Natural convection

GENERAL

Safety Approvals	cUL/UL 60950, TUV EN60950
Dimensions	72.0 x 46.0 x 35.0 mm 2.835 x 1.811 x 1.378 inches
Weight	130g

Output Voltage and Current Ratings

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT		RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REG.	LOAD REG.	% EFF.
		Min.	Max.					
PPT10E-050	5V	0A	1600mA	50mV pk-pk	±2%	±1%	±4%	73%
PPT10E-060	6V	0A	1500mA	1%	±2%	±1%	±3%	73%
PPT10E-075	7.5V	0A	1200mA	1%	±2%	±1%	±3%	73%
PPT10E-090	9V	0A	1100mA	1%	±2%	±1%	±2%	74%
PPT10E-120	12V	0A	850mA	1%	±2%	±1%	±2%	74%
PPT10E-136	13.6V	0A	750mA	1%	±2%	±1%	±2%	74%
PPT10E-150	15V	0A	700mA	1%	±2%	±1%	±2%	75%
PPT10E-180	18V	0A	550mA	1%	±2%	±1%	±2%	75%
PPT10E-240	24V	0A	400mA	1%	±2%	±1%	±2%	75%

NOTE:

1. Voltage set point at 60% full load.
2. Output noise and ripple measured with 10µF electrolytic & 0.1µF ceramic capacitors across output at 20MHz BW.
3. Line regulation is measured from 100Vac to 240Vac at full load.
4. Load regulation is measured from 60% to full load and from 60% to 20% load (60% ±40% load).

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Mechanical Details

All Dimensions in Inches(mm)
Tolerance Inches: x.xxx= ±0.02
Millimeters: x.xx= ±0.5

