

Plug Top Power Adaptors



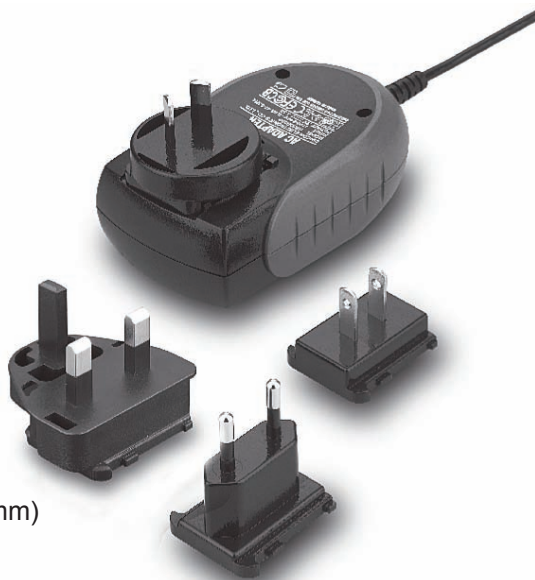
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PPT30E Series 30 Watt Switch Mode Universal AC Input

The PPT30E 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 $\leq 1800\text{mm}$)
(PPT30E-090: Output Cable Length $\leq 1220\text{mm}$)
(PPT30E-120: Output Cable Length $\leq 1500\text{mm}$)
- Optional Output Connector



Electrical Specification

INPUT

Input Voltage Range	90 - 264Vac
Frequency	47 - 63Hz
Input Current	0.8A max.
Inrush Current	50A 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 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	107.77 x 57.60 x 33.50 mm 4.234 x 2.267 x 1.319 inches
Weight	300g

Output Voltage and Current Ratings

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT		RIPPLE (mV pk-pk)	VOLTAGE ACCURACY	LINE REG.	LOAD REG.	% EFF.
		Min.	Max.					
PPT30E-090	9V	0A	3300mA	1%	$\pm 2\%$	$\pm 1\%$	$\pm 3\%$	78%
PPT30E-120	12V	0A	2500mA	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	79%
PPT30E-150	15V	0A	2000mA	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	81%
PPT30E-180	18V	0A	1650mA	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	81%
PPT30E-240	24V	0A	1250mA	1%	$\pm 2\%$	$\pm 1\%$	$\pm 2\%$	83%

NOTE:

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

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Mechanical Details

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

