

# 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  $\leq$ 1800mm)  
(PPT30E-090: Output Cable Length  $\leq$ 1220mm)  
(PPT30E-120: Output Cable Length  $\leq$ 1500mm)
- 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 $\mu$ F electrolytic & 0.1 $\mu$ 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).

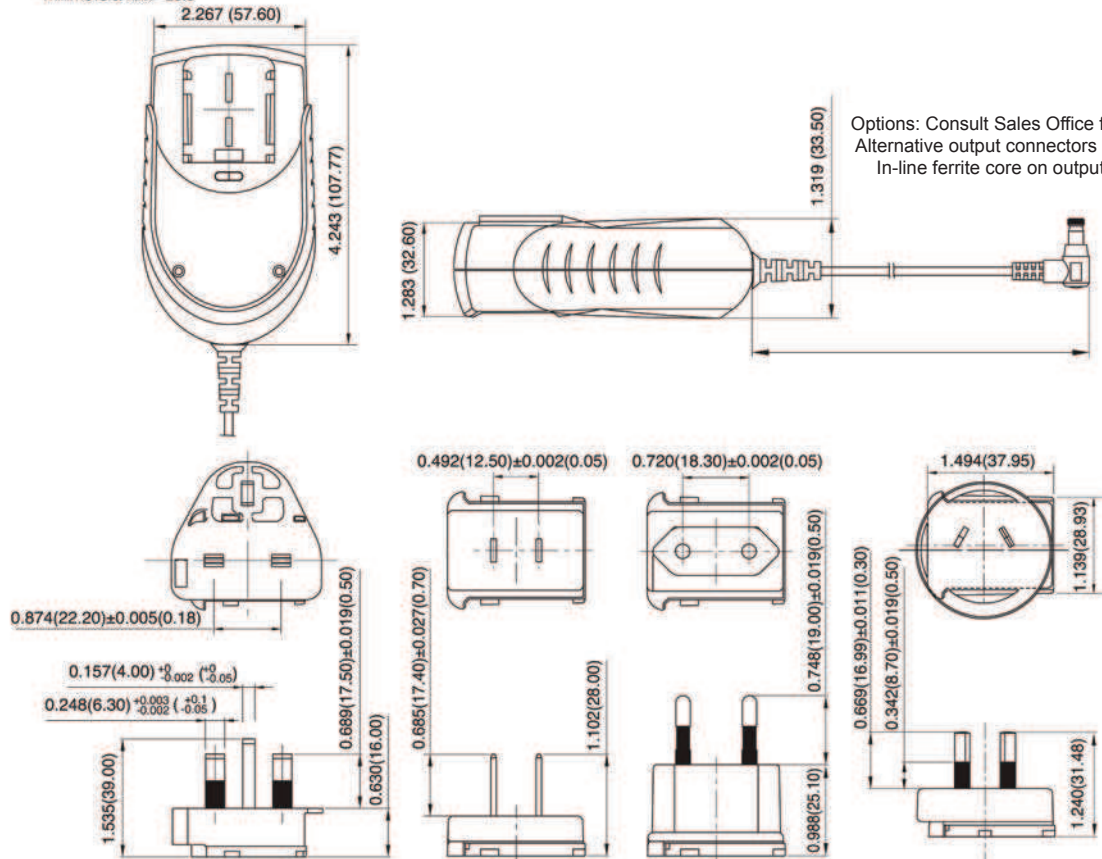
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## Mechanical Details

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



Options: Consult Sales Office for details  
 Alternative output connectors available  
 In-line ferrite core on output cable