

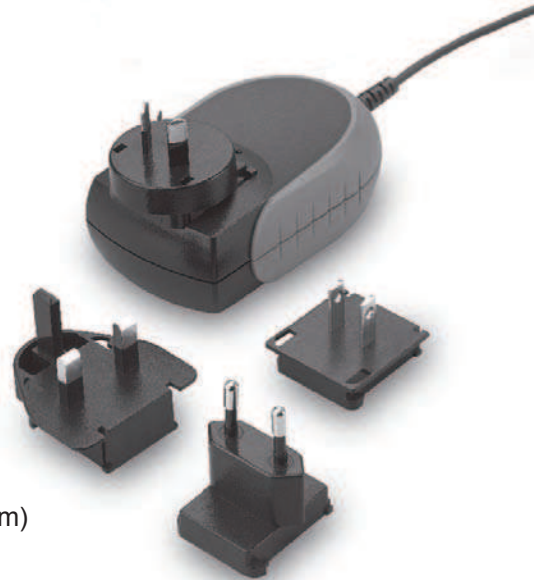
# Medical Plug Top Power Adaptors



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## PPT30ME Series 30 Watt Switch Mode Universal AC Input

The PPT30ME 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 Voltage & Continuous Short Circuit Protection
- Meets EN60601-1 & EN55011 Class B
- CEC Level IV Compliant (Output Cable Length ≤1800mm)  
(PPT30ME-050: Output Cable Length ≤1500mm)
- Optional Output Connector

### Electrical Specification

#### INPUT

Input Voltage Range	90 - 264Vac
Frequency	47 - 63Hz
Input Current	0.4 - 0.8A max.
Inrush Current	50A max. @ 240Vac
Conducted EMI	CISPR/FCC Class B
Isolation - Input/Output	5,656VDC
Leakage Current	100µA 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, cUL/UL2601-1, TUV EN60601-1
Dimensions	108.67 x 61.98 x 36.70 mm 4.270 x 2.440 x 1.445 inches
Weight	300g

### Output Voltage and Current Ratings

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT		RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REG.	LOAD REG.	% EFF.
		Min.	Max.					
PPT30ME-050	5V	0A	4.0A	1%	±2%	±1%	±6%	73%
PPT30ME-090	9V	0A	3.0A	1%	±2%	±1%	±3%	76%
PPT30ME-120	12V	0A	2.5A	1%	±2%	±1%	±2%	79%
PPT30ME-150	15V	0A	2.0A	1%	±2%	±1%	±2%	81%
PPT30ME-180	18V	0A	1.67A	1%	±2%	±1%	±2%	81%
PPT30ME-240	24V	0A	1.25A	1%	±2%	±1%	±2%	83%

#### 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.
3. Load regulation is measured from 60% to full load and from 60% to 20% load (60% ±40% load).  
Typical at 25°C, nominal line and 75% load unless otherwise stated.

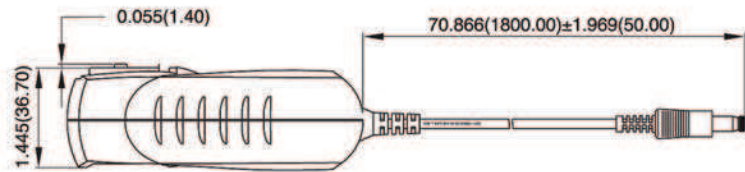
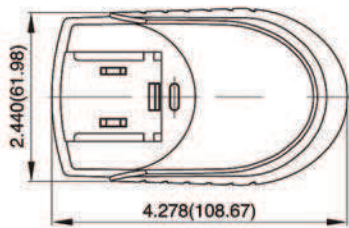
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## Mechanical Details

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

