



# 20W PSM Series Medical Wall Plug

## Features:

- \* Universal AC Input 100 - 240Vac
- \* Output Voltage: 5-48Vdc
- \* Regulated Output With Low Ripple Noise
- \* Safety Agency Requirements and EMI/EMS Certified
- \* Short Circuit, Over Voltage & Over Current Protections
- \* 2 x MOPP (Means of Patient Protection)
- \* Touch Current: < 100µA
- \* Available in U.S, Europe & U.K Plugs



Input	
Voltage (Vac)	100-240
Maximum Current (Amp)	0.3 - 0.45
Line Frequency (Hz)	50-60

Output	
Load Regulation	+5% (Typical)
Ripple	1 - 2% Vp-p Max. for output voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holding Time	10mS @ Full Load
Protection	Short Circuit Protection; Over Voltage Protection; Over Current Protection
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4000 VAC Primary - Secondary
Touch Current	< 100µA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC60601-1-2
MTBF	300,000 Calculated Hours at 25 degree celsius by Telcordia SR-332

Enviromental	
Operating Temperature	0 to +40 degree celsius
Storage Temperature	-20 to +80 degree celsius
Operating Relative Humidity	20 to 80% RH
Storage Relative Humidity	10 to 90% RH

Safety	
Certified with UL / cUL / FCC / CE	

PART NUMBER	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (Amp)	WATTAGE (W)
PSM5035AH	5.0	3.5	17.5
PSM5930AH	5.9	3.0	17.7
PSM9022AH	9.0	2.2	20
PSM1216AH	12.0	1.6	20
PSM1513AH	15.0	1.3	20
PSM1811AH	18.0	1.1	20
PSM2483H	24.0	0.83	20
PSM4842H	48.0	0.42	20