



6 Watt Medical Series

Desktop Type

Level VI

CoC Tier 2

mW6-10XX



Green Mode
 Meet CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC Tier2, NRCan
 No Load Power Consumption Less Than 0.075W

- Features :**
- ANSI/AAMI/IEC/EN ES60601-1:2012 (edition 3.1)
 - EMC : IEC60601-1-2 : 2014 (edition 4.0)
 - Means of Protection: 2 X MOPP
 - Touch Current: < 100µA
 - 100-240VAC Universal Input
 - Single Output to 6W
 - Regulated Output With Low Ripple Noise
 - Safety Agency Requirements and EMI/EMS Certified
 - Modified and Custom Design Available
 - 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
mW6-1005	5.0V	1.20A	6.0W
mW6-1006	6.0V	1.00A	6.0W
mW6-1007	7.5V	1.00A	7.5W
mW6-1009	9.0V	0.70A	6.3W
mW6-1012	12.0V	0.50A	6.0W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.19A-0.1sA
Protection	Internal Primary Current Fuse
Configuration	U for US Plug E for EU Plug

Output	
Load Regulation	±5% (Typical)
Ripple	2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection
DC Cord	24AWG/22AWG/20AWG/18AWG
Ferrite Core	No(Optional)

Safety Approvals
 For USA: CB / UL / cUL / FCC / PSE
 For Europe: CB/TUV SUD mark/CE

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
Efficiency	DoE Level VI
EMC Standards	EN55011
	EN61000-3-2, 3
	EN61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	0 to + 40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Case Dimension	U-L 56 x W 28 x H 59 (mm)
	E-L 56 x W 28 x H 79 (mm)
Weight	U:68g E:80 g (Ref.)

