



24 Watt Medical Series

Wall Mount Type

USA / Europe / UK / Australia / China /
AC Plug Changeable

Level VI

CoC Tier 2

MW24-1XXX-Y

O / P Voltage

U: US Plug / B: UK Plug
/ A: AU Plug /
C: CN Plug / E: EU Plug
V: Changeable Plug

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)
- IEC 62368-1 & 60950-1
- Means of Protection: 2 X MOPP
- Touch Current: < 100µA
- 100-240VAC Universal Input
- Single Output to 24W
- 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
mW24-1005-P	5.0V	4.00A	20.00W
mW24-1009-P	9.0V	2.50A	22.50W
mW24-1012-P	12.0V	2.00A	24.00W
mW24-1015-P	15.0V	1.60A	24.00W
mW24-1024-P	24.0V	1.00A	24.00W
mW24-1048-P	48.0V	0.50A	24.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.58A-0.32A
Protection	Internal Primary Current Fuse
Configuration	U: US Plug E: EU Plug B: UK Plug A: AU Plug C: CN Plug V: Changeable 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/20AWG/18AWG
Ferrite Core	No(Optional)

Safety Approvals

For USA: CB / UL / cUL / FCC / PSE / BSMI
For Europe & UK: 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 80.2 x W 46 x H 57.5 (mm)
	E-L 80.2 x W 46 x H 68.7 (mm)
	B-L 80.2 x W 49.6 x H 62.7 (mm)
	A-L 80.2 x W 56 x H 57.5 (mm)
	C-L 80.2 x W 46 x H 57.5 (mm)
Weight	V-L 80.2 x W 46 x H 40.5 (mm)
	U:136g E:140g B:142 g A:138g C:136g V:138 g (Ref.)

