



IT / Medical Open Frame Power Supply 200 Watt Small Size Series

mO201-10XX

O / P Voltage

Blank: Open Frame
X: Enclosed Type

Green Mode
Meet CEC, DoE Level VI, ErP Stage 2
No Load Power Consumption Less Than 0.21W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2012 (edition 3.1)
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- IEC/UL 62368-1 & EN60950-1
- 100-240VAC Universal Input
- 200W With Fan
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current		Watt	
		Convection	With Fan*	Convection	With Fan*
mO201-1012	12.0V	11.6A	16.0A	140W	192W
mO201-1015	15.0V	9.3A	13.0A	140W	195W
mO201-1024	24.0V	5.8A	8.3A	140W	200W
mO201-1036	36.0V	3.9A	5.5A	140W	200W
mO201-1048	48.0V	2.9A	4.2A	140W	200W

*With 12CFM Fan

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.5A-1A
Protection	Internal Primary Current Fuse

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	Over Voltage Protection / Over Current Protection / Over Power Protection / Short Circuit Protection / Over Temperature Protection

Safety Approvals	
CB / UL / cUL / FCC / CE / TUV SUD Mark	

Electrical	
Topology	LLC
Dielectric Withstans	4000VAC Primary - Secondary
Touch Current	< 100µA
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	0 to + 50°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	140W With Convection Cooling 200W With Fan Cooling

Mechanical	
Dimension	Open Type L 101.6 × W 50.8 × H 36 (mm) 4" x 2" x 1.4"
	Enclosed Type L 104.1 × W 61 × H 43.2 (mm) 4.1" x 2.4" x 1.7"
Weight	Open Type : 206g (Ref.)
	Enclosed Type: 318g (Ref.)

