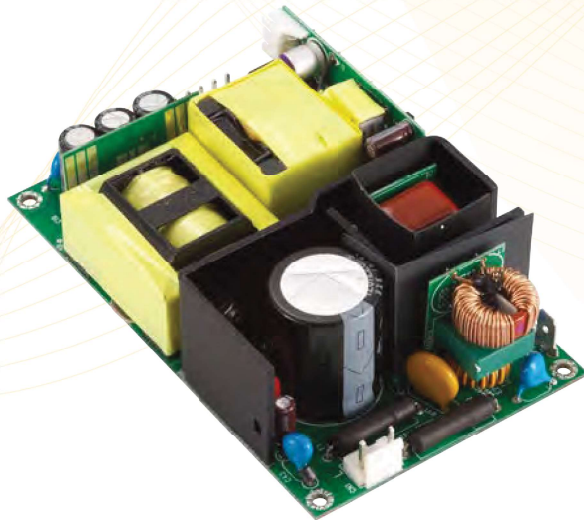


Level VI

IT / Medical Open Frame Dual Output 305 Watt Series



mO300-25XX

O / P Voltage

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
- EN60950-1
- 100-240VAC Universal Input
- 305W With Fan
- Standby 5V / 1A
- On & Off Remote Control
- 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
mO300-2512	12V	16.0A	25.0A	197W	305W
	5V	1.0A			
mO300-2524	24V	10.4A	12.5A	255W	305W
	5V	1.0A			
mO300-2548	48V	5.20A	6.25A	255W	305W
	5V	1.0A			

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.6A-1.6A
Protection	Internal Primary Current Fuse

Output	
Load Regulation	±5% (Typical)
Ripple	1% 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	

Electrical	
Topology	LLC
Dielectric Withstands	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	mO300-2512:197W With Convection Cooling mO300-2524:255W With Fan Cooling mO300-2548:255W With Fan Cooling 305W With Fan Cooling

Mechanical	
Dimension	L 127 × W 76 × H 38 (mm) 5" x 3" x 1.5"
Weight	350 g (Ref.)

