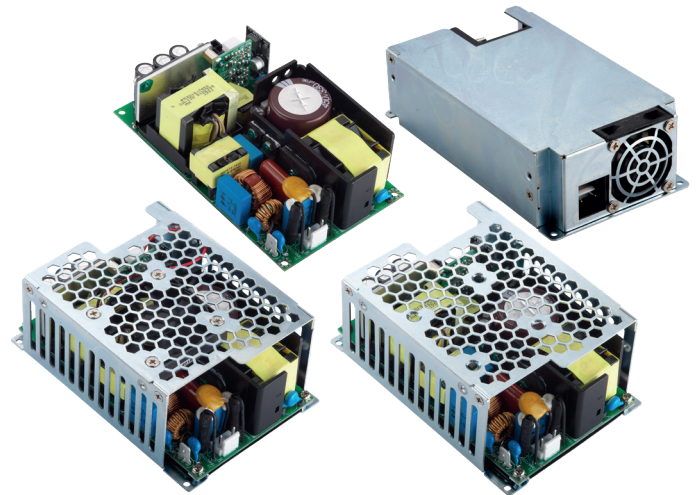


I.T.E / Medical Open Frame Dual Output

450 Watt IT/Medical Series | Open Frame

Features

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
 - Means of Protection : 2 X MOPP
 - Touch Current : < 100µA
 - IEC/UL 62368-1 & 60950-1
 - 100-240VAC Universal Input
 - 450W With Fan
 - Standby 5V / 1A
 - On & Off Remote Control
 - 12V / 0.6A Output for Fan
 - Regulated Output With Low Ripple Noise
 - Modified and Custom Design Available
 - Green Mode
- Meet CEC, DoE Level VI, ErP Stage 2, No Load Power Consumption Less Than 0.21W



Model

Model	O/P Voltage	O/P Current		O/P for Fan	Watt	
		Convec-tion	With Fan*		Convec-tion	With Fan*
ATM450S- F120 □	12.0V	20.8A	37.5A	12V /0.6A	260W	462W
	5V	1.0A				
ATM450S- F150 □	15.0V	16.6A	30.0A	12V /0.6A	260W	462W
	5V	1.0A				
ATM450S- F190 □	19.0V	13.0A	23.7A	12V /0.6A	260W	462W
	5V	1.0A				
ATM450S- F240 □	24.0V	10.4A	18.8A	12V /0.6A	260W	463W
	5V	1.0A				
ATM450S- F360 □	36.0V	6.9A	12.5A	12V /0.6A	260W	462W
	5V	1.0A				
ATM450S- F480 □	48.0V	5.2A	9.4A	12V /0.6A	260W	463W
	5V	1.0A				
ATM450S- F540 □	54.0V	4.6A	8.3A	12V /0.6A	260W	463W
	5V	1.0A				

*With 12 CFM Fan

ATM450S-**FXXX**□
 O / P Voltage ←
 Blank: Open Frame ←
 X: Enclosed Type Without Fan
 Y: Enclosed Type With Top Fan
 Z: Enclosed Type With Side Fan

ATM450S-F Series

Input

Voltage	100-240VAC
Line Frequency	50/60Hz
Current	5.3A-2.2A
Protetction	Internal Primary Current Fuse

Output

Load Regulation	±5% (Typical)
Ripple & Noise	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 / Over Temperature Protection

Safety Approvals

CB / UL / cUL / FCC / CE / TÜV SÜD Mark

Electrical

Topology	LLC
Dielectric Withstand	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% RH
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	250W With convection cooling 450W With fan cooling

Mechanical

Case Dimension	Open Frame L 127 × W 76 × H 34 (mm)
	5" × 3" × 1.3"
	Enclosed Type L 127 × W 87 × H 50 (mm)
	(Top Fan) 5" × 3.4" × 2.0"
	Enclosed Type L 148.2 × W 80 × H 40.6 (mm)
Weight	(Side Fan) 5.9" × 3.2" × 1.6"
	Open Frame 390g (Ref.)
	Enclosed Type(Top Fan) 570g (Ref.)
	Enclosed Type(Side Fan) 660g (Ref.)