

Features

- Suitable for IT and Medical Equipment
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- Means of Protection: 2x MOPP
- Touch Current: < 100 μ A
- Standby 5V / 1A
- ON & OFF Remote Control
- Compliant to DoE 2016 (Level VI)
- Regulated Output with Low Ripple Noise
- 1 Year Warranty



Marks / Approvals

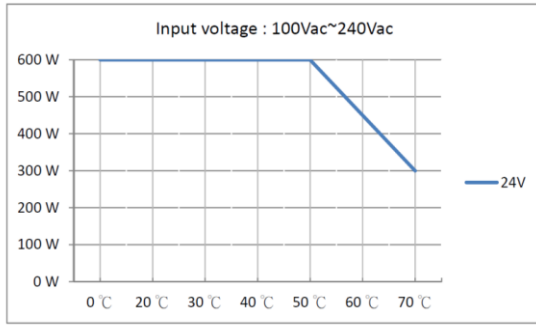


Specifications

Product similar to photo, variations possible.

	MODEL	Voltage	Max. Load	Standby	Output for Fan	Max. Power
	ATM 600-F120	12 V	50.0 A	5V / 1A	12V / 0.6A	612 W
	ATM 600-F240	24 V	25.0 A	5V / 1A	12V / 0.6A	612 W
	ATM 600-F360	36 V	16.6 A	5V / 1A	12V / 0.6A	612 W
	ATM 600-F480	48 V	12.5 A	5V / 1A	12V / 0.6A	612 W
INPUT	Voltage	AC 100 V – 240 V				
	Frequency	50 Hz - 60 Hz				
	Current	7.0 A – 2.7 A				
	Protection	Internal Primary Current Fuse, Inrush Limiting				
OUTPUT	Load Regulation	\pm 5 % (typical)				
	Ripple	1 % – 2 % V p-p max. for output voltage at full load				
	Transient Response	0.5 ms for 50 % load change typical				
	Leakage Current	0.25 mA max.				
	Protection	Short circuit Protection ▪ Over Voltage Protection ▪ Over Current Protection				
OTHERS	Cooling	Convection				
	Efficiency	< 95 %				
	Holdup Time	10 ms at full load				
	Dielectric Withstand	AC 4000 V Primary – Secondary				
	MTBF	300,000 calculated hours at 25 °C by telcordia SR-332				
ENVIRONMENT	Temperature	Operating: -20 °C – 50 °C / Storage: -20 °C – 80 °C				
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH				
CONNECTION	Input	Input connector CN1 (HOEDER : FTB-802-03P)				
	Output	<ul style="list-style-type: none"> • Output connector CN2 (HOWDER : HD-121-04P) • Output connector CN3 (Joint tech : A2542WV-02P) mating with Joint tech : A2542H-02P-N mating with Joint tech : A2542H-02P-N Terminal : A2542-TPE • Output connector CN202 (Joint tech : A2501WR-03P) mating with Joint tech : A2501H-03P-N • Terminal : A2501-TBE 				
Case Dimensions	203.2 mm × 127 mm × 40 mm					
Weight	1100 g					

Ripple & Noise measurement circuit



Power De-rating curve

