

## Features

- Suitable for IT and Medical Equipment
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- Means of Protection: 2x MOPP
- Touch Current: < 100  $\mu$ 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

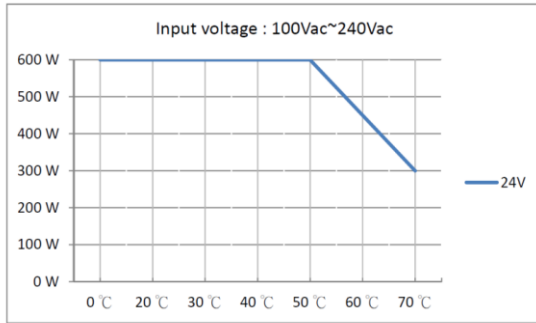


## Specifications

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

Ripple & Noise measurement circuit



Power De-rating curve

