

Features

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- EMC: IEC/EN 60601-1-2 (Edition 4.0)
- Means of Protection 2x MOPP
- Touch Current: < 100 µA
- No Load Power Consumption < 0.1 W
- Regulated Output with Low Ripple Noise
- 1 Year Warranty



Marks / Approvals



Specifications

Product similar to photo, variations possible.

	MODEL	Voltage	Min. Load	Max. Load	Max. Power
	ATM 020-W050	5 V	0.00 A	3.50 A	17.5 W
	ATM 020-W060	5.9 V	0.00 A	3.00 A	17.7 W
	ATM 020-W090	9 V	0.00 A	2.22 A	20.0 W
	ATM 020-W120	12 V	0.00 A	1.67 A	20.0 W
	ATM 020-W150	15 V	0.00 A	1.33 A	20.0 W
	ATM 020-W180	18 V	0.00 A	1.11 A	20.0 W
	ATM 020-W240	24 V	0.00 A	0.83 A	20.0 W
	ATM 020-W480	48 V	0.00 A	0.42 A	20.0 W
INPUT	Voltage	AC 100 V – 240 V			
	Frequency	50 Hz - 60 Hz			
	Current	0.45 A – 0.3 A max.			
	Protection	Internal Primary Current Fuse, Inrush Limiting			
OUTPUT	Load Regulation	± 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			
	Touch Current	< 100 µA			
	Protection	Short circuit Protection ▪ Over Voltage Protection ▪ Over Current Protection			
OTHERS	Cooling	Convection			
	Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan			
	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: 0 °C – 40 °C / Storage: -20 °C – 80 °C			
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH			
EMI Conduction & Radiation	Compliance to IEC/EN 55011 Class B				
Harmonic Current	Compliance to IEC/EN 61000-3-2, -3				
EMS Immunity	Compliance to IEC/EN 60601-1-2 (Edition 4.0)				
Safety	CB (IEC) / EN 60601-1 (Edition 3.1) ▪ CE (depending on input plug type)				