

Features

- Wide Input Range AC 90 V to 264 V
- 2-MOPP insulation
- No Load Power Consumption Less Than 0.3 W
- Low Ripple & Noise
- 1 Year Warranty

Dimensions: 168 mm × 66 mm × 39 mm

Efficiency Level: ErP Stage 2, CEC Level V

Marks / Approvals: 



Specifications

	MODEL	VOLTAGE	MIN. LOAD	MAX. LOAD	MAX. POWER
OUTPUT	ATM 090-P120	12 V	0.00 A	7.50 A	90 W
	ATM 090-P150	15 V	0.00 A	6.00 A	90 W
	ATM 090-P190	19 V	0.00 A	4.74 A	90 W
	ATM 090-P240	24 V	0.00 A	3.75 A	90 W
	ATM 090-P360	36 V	0.00 A	2.50 A	90 W
	ATM 090-P480	48 V	0.00 A	1.88 A	90 W
		<i>Standby Power Consumption</i>	Less than 0.3 W		
	<i>Load Regulation</i>	± 5 % (typical)			
	<i>Ripple & Noise</i>	1 % to 2 % × V p-p max. for output voltage @ full load			
INPUT	<i>Voltage</i>	AC 90 V – 264 V			
	<i>Frequency</i>	47 Hz – 63 Hz			
	<i>Current (rms max)</i>	1.2 A – 0.5 A			
	<i>Leakage Current</i>	0.5 mA @ 2 pins			
PROTECTION	<i>Over Current</i>	Yes			
	<i>Overvoltage</i>	Yes			
	<i>Short Circuit</i>	Yes			
	<i>Input</i>	Internal Primary Current Fuse, Inrush Limiting			
	<i>No Load Operation</i>	Yes, to protect the power supply and system from damage			
OTHERS	<i>Cooling</i>	Free air convection			
	<i>Withstand Voltage</i>	AC 4000 V Primary - Secondary			
	<i>Transient Response</i>	0.5 ms for 50 % load change typical			
	<i>Holdup time</i>	10 ms @ full load			
ENVIRONMENT	<i>Temperature</i>	Operating: 0 °C to 40 °C / Storage: -20 °C to 80 °C			
	<i>Humidity</i>	Operating: 20 % RH to 80 % RH / Storage: 10 % RH to 90 % RH			
CONNECTION	<i>Input</i>	IEC 60320 C14 inlet (IEC 60320 C6 inlet available upon request)			
	<i>Output</i>	Standard DC plug: 2.1 mm × 5.5 mm × 9.5 mm / DC Cord: 18 AWG, 16 AWG			
MTBF	300,000 Calculated Hours at 25°C, by MIL-HDBK-217F				
SAFETY	T-Mark EN 60601-1 / CB IEC 60601-1 / UL 60601-1 / cUL 60601-1 / FCC / GS / CE				
EMI	Compliance to EN 55022 Class B, EN 61000-3-2, -3				
EMS	Compliance to EN 61000-4-2, -3, -4, -5, -6, -8, -11				
DIMENSIONS	168 mm × 66 mm × 39 mm				
NET WEIGHT	600 g (ref.)				