

Features

- Compliant to DoE 2016 (Level VI)
- ErP Stage 2, NRCan & GEMS Level VI
- No Load Power Consumption < 0.1 W
- Regulated Output with Low Ripple Noise
- 1 Year Warranty

Marks / Approvals



P: C14 Inlet (Protection Class I)
A: C8 Inlet (Protection Class II)

Specifications

	MODEL	Voltage	Min. Load	Max. Load	Max. Power
	ATS 050T-P050	5.0 V	0.00 A	10.00 A	50 W
	ATS 050T-P/A090	9.0	0.00 A	4.00 A	36 W
	ATS 050T-P/A091	9.0	0.00 A	5.00 A	45 W
	ATS 050T-P/A120	12.0	0.00 A	3.30 A	40 W
	ATS 050T-P/A121	12.0	0.00 A	4.20 A	50 W
	ATS 050T-P/A135	13.5	0.00 A	3.71 A	50 W
	ATS 050T-P/A150	15.0	0.00 A	3.34 A	50 W
	ATS 050T-P/A180	18.0	0.00 A	2.78 A	50 W
	ATS 050T-P/A190	19.0	0.00 A	2.64 A	50 W
	ATS 050T-P/A240	24.0	0.00 A	2.10 A	50 W
	ATS 050T-P/A480	48.0	0.00 A	1.05 A	50 W
INPUT	Voltage	AC 100 V – 240 V			
	Frequency	50 Hz - 60 Hz			
	Current	1.20 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			
	Leakage Current	0.25 mA max.			
	Protection	Short circuit Protection • Over Voltage Protection • Over Current Protection			
OTHERS	Cooling	Convection			
	Efficiency	DoE Level VI • Energy Star • ErP Stage 2 • NRCan & GEMS Level VI Certified			
	Holdup Time	10 ms at full load			
	Dielectric Withstand	AC 3000 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 EN 55022 Class B				
Harmonic Current	Compliance to EN 61000-3-2, -3				
EMS Immunity	Compliance to IEC 61000-1-2, -3, -4, -5, -6, -8, -11				
Safety	IEC / EN / UL 62368-1 • IEC 60950-1 • CE • RCM • PSE • BSMI				
Case Dimensions	115 mm × 53 mm × 38 mm (ATS 050T-P050: 139 mm × 61 mm × 36 mm, C6 inlet)				
Weight	278 g (ATS 050T-P050: 332 g)				