

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 018T-P/A050	5.0 V	0.0 A	3.0 A	15.00 W
	ATS 018T-P/A060	5.9 V	0.0 A	2.5 A	14.75 W
	ATS 018T-P/A061	5.9 V	0.0 A	3.0 A	17.70 W
	ATS 018T-P/A070	7.0 V	0.0 A	2.5 A	17.50 W
	ATS 018T-P/A075	7.5 V	0.0 A	2.5 A	18.75 W
	ATS 018T-P/A090	9.0 V	0.0 A	2.2 A	19.80 W
	ATS 018T-P/A100	10.0 V	0.0 A	1.9 A	19.00 W
	ATS 018T-P/A110	11.0 V	0.0 A	1.6 A	17.60 W
	ATS 018T-P/A120	12.0 V	0.0 A	1.6 A	19.20 W
	ATS 018T-P/A150	15.0 V	0.0 A	1.3 A	19.50 W
	ATS 018T-P/A160	16.0 V	0.0 A	1.2 A	19.20 W
	ATS 018T-P/A180	18.0 V	0.0 A	1.1 A	19.80 W
	ATS 018T-P/A240	24.0 V	0.0 A	0.8 A	19.20 W
INPUT	Voltage	AC 100 V – 240 V			
	Frequency	50 Hz - 60 Hz			
	Current	0.48 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	P (C14 inlet): 100 mm × 50 mm × 33 mm				
	A (C8 inlet): 88 mm × 50 mm × 34 mm				
Weight	144 g				