

NEW

I.T.E.



300 Watt Series

Desktop Type

ATS300A1 - P X X X

P : C14 ← O / P Voltage →

Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS300A1-P120	12.0V	24.00A	288W
ATS300A1-P190	19.0V	15.79A	300W
ATS300A1-P240	24.0V	12.50A	300W
ATS300A1-P480	48.0V	6.25A	300W
ATS300A1-P560	56.0V	5.36A	300W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.5A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

Output

Load Regulation	±5% (Typical)
Ripple & Noise	1% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection

Electrical	
Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental

Operating Temperature	-20 to + 40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimension	L 204 × W 94 × H 43.5 (mm)
Weight	1110g (Ref.)