

ATS300T | 300 Watt



300 Watt Series

Desktop Type

ATS300T - P X X X

P : C14 ← → O / P Voltage

Green Mode
DoE Level VI
No Load Power Consumption Less Than 0.5W

- Features :**
- IEC/EN/UL 62368-1 & 60950-1
 - 100-240VAC Universal Input
 - Single Output to 300W
 - Regulated Output With Low Ripple Noise
 - Safety Agency Requirements and EMI/EMS Certified
 - Modified and Custom Design on request
 - 3 Year Warranty

Safety Approvals
CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC

Electrical	
Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI
EMC Standards	EN55032
	EN61000-3-2,3
	EN55024
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Model	O/P Voltage	O/P Current	Watt
ATS300T-P120	12.0V	24.00A	288W
ATS300T-P190	19.0V	15.75A	300W
ATS300T-P240	24.0V	12.50A	300W
ATS300T-P480	48.0V	6.25A	300W
ATS300T-P560	56.0V	5.36A	300W

Environmental	
Operating Temperature	0 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

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.9A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

Mechanical	
Case Dimension	L 254 × W 116 × H 47 (mm)
Weight	1600g (Ref.)

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
DC Cord	UL 2095 / UL 2464 / 16AWG
Ferrite Core	YES

Please note for P versions:
The -Vout (secondary GND) is connected to PE as functional earth. If your application needs a safety earth an extra direct PE connection to earth must be implemented!

Specification is subject to change without notice. Errors excepted. Status as at: 30.09.2019

