

I.T.E. Power Supply

300 Watt Series | Desktop Type

Features

- IEC/EN/UL 62368-1 & 60950-1
- 100-240 VAC Universal Input
- Single Output to 300W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- Green Mode
DoE Level VI, No Load Power Consumption Less Than 0.5W


Model

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

ATS300T-**P XXX**
 P : C14 ← → O/P Voltage

Input

Voltage	100-240VAC
Line Frequency	50/60Hz
Current	3.9A 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
DC Cord	UL 2095 / UL 2464 / 16AWG
Ferrite Core	Yes

ATS300T-P Series

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

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80% RH
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

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