

I.T.E. Power Supply

120 Watt Series | Desktop Type

Features

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC
Tier 2, NRCan & GEMS Level VI, No Load Power
Consumption Less Than 0.15W



Model

Model	O/P Voltage	O/P Current	Watt
ATS120T- P120	12.0V	9.00A	108W
ATS120T- P150	15.0V	8.00A	120W
ATS120T- P160	16.0V	7.50A	120W
ATS120T- P180	18.0V	6.60A	120W
ATS120T- P190	19.0V	6.30A	120W
ATS120T- P200	20.0V	6.00A	120W
ATS120T- P240	24.0V	5.00A	120W
ATS120T- P300	30.0V	4.00A	120W
ATS120T- P480	48.0V	2.50A	120W
ATS120T- P560	56.0V	2.14A	120W

ATS120T-**P**XXX
P : C6 /C14 ← O/P Voltage

Input

Voltage	100-240VAC
Line Frequency	50/60Hz
Current	1.6A Max.
Protetction	Internal Primary Current Fuse
Configuration	IEC60320/C6, 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	18AWG / 16AWG / 14 AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCan & GEMS Level VI Certified
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 168 × W 66 × H 39 (mm)
Weight	460g (Ref.)