

# ATS120T | 120 Watt



Image similar



Level VI

CoC Tier 2

## 120 Watt Series

Desktop Type

ATS120T - P X X X

P : C6 / C14 ← → O / P Voltage

### 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

### 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 on request
- 3 Year Warranty

### 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/14AWG
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
MTBF	EN55024
	300,000 Calculated Hours at 25°C , by Telcordia SR-332

### 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

### Mechanical

Case Dimension	L 168 × W 66 × H 39 (mm)
Weight	590g (Ref.)

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

### Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.6A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C14

### 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

