



## 120 Watt Series

Desktop Type

ATS120A1 - P X X X

P : C6 / C14 ← → O / P Voltage

### Features :

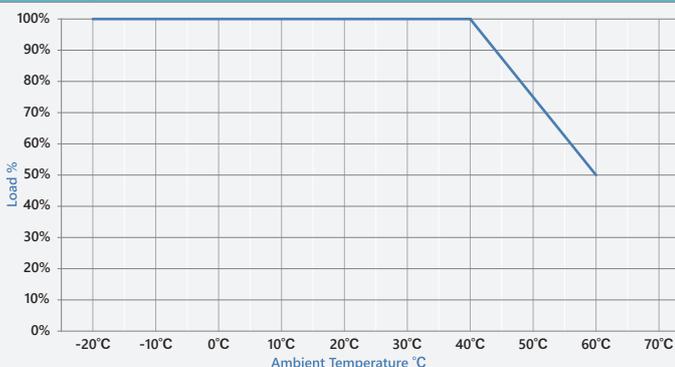
- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS120A1-P120	12.0V	9.00A	108W
ATS120A1-P150	15.0V	8.00A	120W
ATS120A1-P160	16.0V	7.50A	120W
ATS120A1-P190	19.0V	6.30A	120W
ATS120A1-P240	24.0V	5.00A	120W
ATS120A1-P480	48.0V	2.50A	120W
ATS120A1-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

### Derating Curve



### Output

Load Regulation	±5% ( Typical )
Ripple & Noise	≤ 1% Vp-p @ Full Load
Transient (Dynamic) Response	0.5mS with 50% Load Change
Start-up Time	< 3,000mS
Hold-up Time	≥ 10mS @ Full Load
Rise Time	< 50mS
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection

### Electrical

Topology	LLC
Dielectric Withstand	3,000VAC Primary - Secondary
Earth Leakage Current	< 5mA
Efficiency	DoE Level VI, ErP Stage 2
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
Operating Altitude	5,000M
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

### Mechanical

Case Dimension	L 140.5 × W 60 × H 35 (mm)
Weight	390g (Ref.)