



240 Watt Series

Desktop Type

ATS240A1 - P X X X

P : C14 ←

→ O / P Voltage



Features :

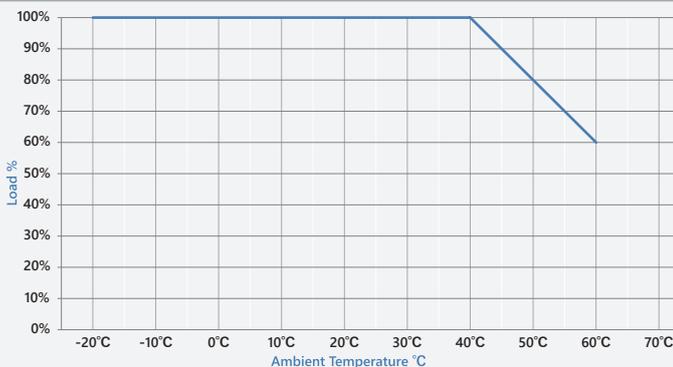
- IEC/EN/UL 62368-1 3rd Edition
- 100-240 VAC Universal Input
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS240A1-P120	12.0V	20.00A	240W
ATS240A1-P190	19.0V	12.63A	240W
ATS240A1-P240	24.0V	10.00A	240W
ATS240A1-P480	48.0V	5.00A	240W
ATS240A1-P560	56.0V	4.28A	240W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.3A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/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 183.2 × W 81 × H 42.3 (mm)
Weight	860g (Ref.)