



50 Watt Series

Desktop Type

ATS050A1 - ☐ X X X

A : C8 ←
 G : C6
 P : C14 → O / P Voltage



Features :

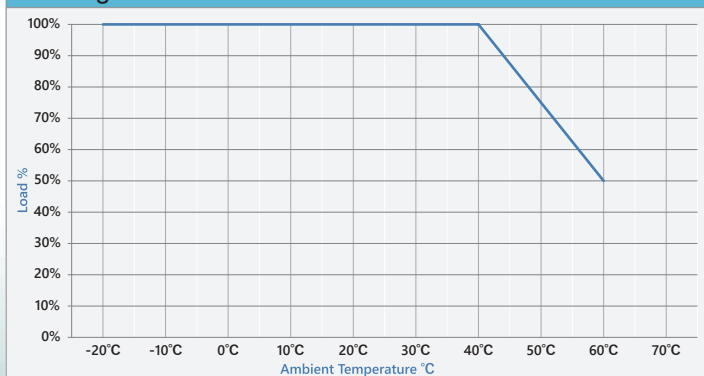
- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS050A1-□090	9.0V	5.00A	45W
ATS050A1-□120	12.0V	4.20A	50W
ATS050A1-□150	15.0V	3.34A	50W
ATS050A1-□180	18.0V	2.78A	50W
ATS050A1-□190	19.0V	2.64A	50W
ATS050A1-□240	24.0V	2.10A	50W
ATS050A1-□480	48.0V	1.05A	50W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

Derating Curve



Output

Load Regulation	±5% (Typical)
Ripple & Noise	≤ 2% 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

Electrical

Topology	Switching Flyback
Dielectric Withstand	3,000VAC Primary - Secondary
Leakage Current	< 0.25mA @ 2Pin / < 5mA @ 3Pin
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	2,000M
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimension	L115 x W48.5 x H32.1 (mm)
Weight	210g (Ref.)