



90 Watt Series

Desktop Type

ATS090A1 - □ X X X

G : C6 ← O / P Voltage
P : C14



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
ATS090A1-□120	12.0V	7.50A	90W
ATS090A1-□150	15.0V	6.00A	90W
ATS090A1-□160	16.0V	5.63A	90W
ATS090A1-□180	18.0V	5.00A	90W
ATS090A1-□190	19.0V	4.70A	90W
ATS090A1-□240	24.0V	3.75A	90W
ATS090A1-□480	48.0V	1.88A	90W
ATS090A1-□560	56.0V	1.60A	90W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max.
Protection	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

Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 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
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimension	L 133.5 x W 53.5 x H 33 (mm)
Weight	330g (Ref.)