

NEW

I.T.E.



90 Watt Series

Desktop Type

ATS090A1 - □ X X X

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 |
|---------------|-------------|-------------|------|
| 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 | 4.74A | 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.) |