



160 Watt Series

Desktop Type

ATS160T - P X X X

P : C6 / C14 ← → O / P Voltage

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS Level VI

No Load Power Consumption Less Than 0.15W

Features :

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 160W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / CCC

Electrical

| | |
|----------------------|---|
| Topology | LLC |
| Dielectric Withstand | 3000VAC Primary - Secondary |
| Leakage Current | 3.5mA @ 3Pin |
| Efficiency | DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS Level VI Certified |
| EMC Standards | EN55032 |
| | EN61000-3-2,3 |
| | EN55024 |
| MTBF | 300,000 Calculated Hours at 25°C , by Telcordia SR-332 |

| Model | O/P Voltage | O/P Current | Watt |
|--------------|-------------|-------------|------|
| ATS160T-P120 | 12.0V | 12.50A | 150W |
| ATS160T-P150 | 15.0V | 10.00A | 150W |
| ATS160T-P190 | 19.0V | 8.40A | 160W |
| ATS160T-P240 | 24.0V | 6.60A | 160W |
| ATS160T-P480 | 48.0V | 3.30A | 160W |
| ATS160T-P560 | 56.0V | 2.86A | 160W |

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 2.2A 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 / Over Temperature Protection |
| DC Cord | UL 2095 / UL 2464 / 16AWG / 18AWG |
| Ferrite Core | No (Optional) |

Environmental

| | |
|-----------------------|----------------------------|
| Operating Temperature | 0 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 175 × W 74 × H 42 (mm) |
| Weight | 700g (Ref.) |