

Features

- Compliant to DoE 2016 (Level VI)
- ErP Stage 2, NRCan & GEMS Level VI
- No Load Power Consumption < 0.1 W
- Regulated Output with Low Ripple Noise
- 1 Year Warranty



ATS050T-P050

Marks / Approvals



Specifications

P: C14 Inlet (Protection Class I)  
A: C8 Inlet (Protection Class II)

|                            | MODEL  | Voltage  | Min. Load | Max. Load | Max. Power |
|----------------------------|--|--|-----------|-----------|------------|
|                            | ATS 050T-P050  | 5.0 V  | 0.00 A    | 10.00 A   | 50 W       |
|                            | ATS 050T-P/A090  | 9.0  | 0.00 A    | 4.00 A    | 36 W       |
|                            | ATS 050T-P/A091  | 9.0  | 0.00 A    | 5.00 A    | 45 W       |
|                            | ATS 050T-P/A120  | 12.0   | 0.00 A    | 3.30 A    | 40 W       |
|                            | ATS 050T-P/A121  | 12.0   | 0.00 A    | 4.20 A    | 50 W       |
|                            | ATS 050T-P/A135  | 13.5   | 0.00 A    | 3.71 A    | 50 W       |
|                            | ATS 050T-P/A150  | 15.0   | 0.00 A    | 3.34 A    | 50 W       |
|                            | ATS 050T-P/A180  | 18.0   | 0.00 A    | 2.78 A    | 50 W       |
|                            | ATS 050T-P/A190  | 19.0   | 0.00 A    | 2.64 A    | 50 W       |
|                            | ATS 050T-P/A240  | 24.0   | 0.00 A    | 2.10 A    | 50 W       |
|                            | ATS 050T-P/A480  | 48.0   | 0.00 A    | 1.05 A    | 50 W       |
| INPUT                      | <b>Voltage</b>   | AC 100 V – 240 V   |           |           |            |
|                            | <b>Frequency</b>   | 50 Hz - 60 Hz  |           |           |            |
|                            | <b>Current</b>   | 1.20 A max.  |           |           |            |
|                            | <b>Protection</b>  | Internal Primary Current Fuse, Inrush Limiting                               |           |           |            |
| OUTPUT                     | <b>Load Regulation</b>   | ± 5 % (typical)  |           |           |            |
|                            | <b>Ripple</b>  | 1 % – 2 % V p-p max. for output voltage at full load                         |           |           |            |
|                            | <b>Transient Response</b>  | 0.5 ms for 50 % load change typical  |           |           |            |
|                            | <b>Leakage Current</b>   | 0.25 mA max.   |           |           |            |
|                            | <b>Protection</b>  | Short circuit Protection • Over Voltage Protection • Over Current Protection |           |           |            |
| OTHERS                     | <b>Cooling</b>   | Convection   |           |           |            |
|                            | <b>Efficiency</b>  | DoE Level VI • Energy Star • ErP Stage 2 • NRCan & GEMS Level VI Certified   |           |           |            |
|                            | <b>Holdup Time</b>   | 10 ms at full load   |           |           |            |
|                            | <b>Dielectric Withstand</b>  | AC 3000 V Primary – Secondary  |           |           |            |
|                            | <b>MTBF</b>  | 300,000 calculated hours at 25 °C by telcordia SR-332                        |           |           |            |
| ENVIRONMENT                | <b>Temperature</b>   | Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C                            |           |           |            |
|                            | <b>Humidity</b>  | Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH                    |           |           |            |
| EMI Conduction & Radiation | Compliance to EN 55022 Class B   |  |           |           |            |
| Harmonic Current           | Compliance to EN 61000-3-2, -3   |  |           |           |            |
| EMS Immunity               | Compliance to IEC 61000-1-2, -3, -4, -5, -6, -8, -11                     |  |           |           |            |
| Safety                     | IEC / EN / UL 60950-1 • CE • RCM • PSE • BSMI                            |  |           |           |            |
| Case Dimensions            | 115 mm × 53 mm × 38 mm (ATS 050T-P050: 139 mm × 61 mm × 36 mm, C6 inlet) |  |           |           |            |
| Weight                     | 278 g (ATS 050T-P050: 332 g)   |  |           |           |            |