

ARPJ-LAPE72350 (25W, 350mA, PFC)

Features

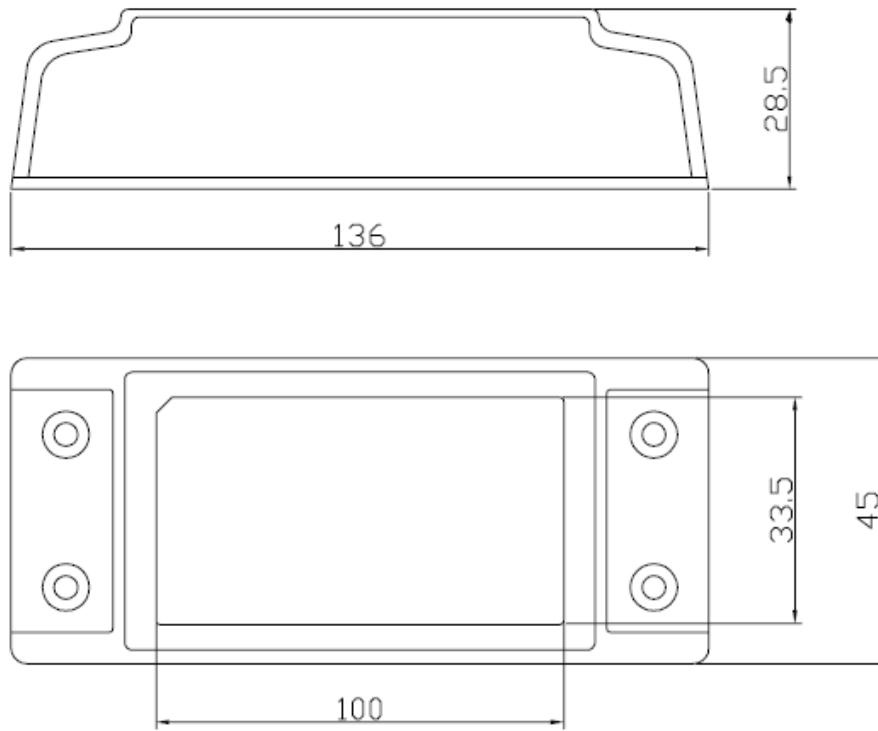
- Constant current mode power supply
- 100-240VAC input only
- Protections: Short circuit/Over current
- Built-in active PFC function
- Small and compact size
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty



Specification

| Model | | ARPJ-LAPE72350 (25W, 350mA, PFC) |
|------------------|---|---|
| Output | DC Voltage | 64V |
| | Dc Voltage Range | 35-70V |
| | Current Range | 350mA ±3% |
| | Rated Power | 22.4W |
| | Ripple & Noise(Max.) | 200mVp-p |
| | Voltage Tolerance | ±3.0% |
| | Line Regulation | ±1.0% |
| | Load Regulation | ±2.0% |
| Setup, Rise Time | 500ms, 250ms/230VAC 500ms, 250ms/115ac at full load | |
| Input | Voltage Range | 100-240VAC |
| | Frequency Range | 47~63Hz |
| | Efficiency (Typ.) | 85% fullload |
| | Power Factor | PF>0.9/230VAC at full load |
| | AC Current | 0.4A/100VAC 0.2A/240VAC |
| | Inrush Current (Max.) | COLD STAT 70A/240VAC 35A/120VAC at full load |
| Leakage Current | 0.25mA/240VAC | |
| Protection | Over Current | Above 105% rated outputpower. Protection type: Hiccup mode, recovers automatically after fault condition is removed. |
| | Over Temperature | Tj 140°C typically (IC1) Detecton main controlIC Protection type: Hiccup mode, recovers automatically after temperaturegoes down |
| Environment | Working Temp. | -10~50°C |
| | Working Humidity | 20~90% RH non-condensing |
| | Storage Temp., Humidity | -40~80°C, 10~95% RH |
| | Temp. Coefficient | ±0.03%/°C (0~50°C) |
| | Vibration | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X,Y, Zaxes |
| Safety & EMC | Safety Standards | Design refer to UL1310 Class 2,TUV EN60950-1 , EN61347-2-13 , CAN/CSA C22.2 No. 223-M91, meet IP67 |
| | Withstand Voltage | I/P-O/P:3KVAC |
| | Isolation Resistance | I/P-O/P:>100MOhms / 500VDC / 25~70% RH |
| | Emi Conduction & Radiation | Compliance to EN55022 (CISPR22) Class B |
| | Harmonic Current | Compliance to EN61000-3-2,-3 |
| Ems Immunity | Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level , criteriaA | |
| Dimension | 136*45*28.5mm (L*W*H) | |

Mechanical Specification



Block Diagram

