

Specification

MEAN WELL 350W Single Output Switching Power Supply **NES-350** series



- Product Code: 100.422 (NES-350-24)
- DC Voltage 24V
- Rated Current 14.6A
- Current Range 0 ~ 14.6A
- Rated Power 350.4W
- Ripple & Noise (max) 150mVp-p
- Voltage Adj. Range 20 ~ 26.4V
- Voltage Tolerance 1.0%
- Line Regulation 0.5%
- Load Regulation 0.5%
- Setup, Rise Time 1000ms, 50ms/230VAC 1000ms,50ms/115VAC at full load
- Hold Up Time (Typ) 20ms/230VAC 16ms/115VAC at full load
- Voltage Range 90 ~ 132VAC / 180 ~ 264VAC by switch 254 ~ 370VDC
- Frequency Range 47 ~ 63Hz
- Efficiency (Typ) 87%
- AC Current (Typ) 7A/115VAC 4A/230VAC
- Inrush Current (Typ) 40A/115VAC 60A/230VAC
- Leakage Current <3.5mA / 240VAC
- Over load 105 ~ 135% rated output power.
  Protection type : Constant current limiting, recovers automatically after fault condition is removed
- Over Voltage 13.8 ~ 16.2V
  Protection type :Shut down O/P voltage, re-power on to recover
- Over Temperature 85°C±5°C(3.3~7.5V); 80°C±5°C(12V); 75°C±5°C(15~48V); (TSW1) Detect on case
  Protection type : Shut down O/P voltage, recovers automatically after temperature goes down
- Fan On/Off Control (Typ) RTH2 50°C FAN ON, 45°C FAN OFF (3.3 ~ 7.5V)
  RTH2 55 FAN ON, 50 FAN OFF (12 ~ 48V)
- Working Temp -20 ~ +60 (Refer to output load derating curve)
- Working Humidity 20 ~ 90% RH non-condensing
- Storage Temp, Humidity -20 ~ +85 , 10 ~ 95% RH
- Temp. Coefficient 0.03%/ (0 ~ 50°C
- Vibration 10 ~ 500Hz, 3G 10min./1cycle, 60min. Each along X, Y, Z axes
- Safety Standards UL60950-1 approved
- Withstand Voltage I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
- Isolation Resistance I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC / 25 / 70% RH
- EMI Conduction & Radiation Design refer to EN55022 (CISPR22) Class A
- EMS Immunity Design refer to EN61000-4-2, 3, 4, 5, 6, 8,11, ENV50204, EN55024, light industry level, criteria A
- MTBF 234.3K hrs min. MIL-HDBK-217F (25)
- Dimension 215*115*50mm (L*W*H)

Dimensions (Unit: mm)

