

25W Switching Power Supply

25W Series



Features:

- 1.Universal AC input/Full range
- 2.Protections:Short circuit/Overload
- 3.Cooling by free air convection
- 4.LED indicator for power on
- 5.100% full load burn-in test
- 6.No load power consumption <0.5W
- 7.All using 105°C long life electrolytic capacitors
- 8.High efficiency,long life and high reliability
- 9.2 years warranty

SPECIFICATION

| MODEL | | EPS 2512 |
|-------------|---|---|
| OUTPUT | DC VOLTAGE | 12V |
| | RATED CURRENT | 2.08A |
| | CURRENT RANGE | 0-2.08A |
| | RATED POWER | 25W |
| | RIPPLE&NOISE(max.) Note.2 | 120mVp-p |
| | VOLTAGE TOLERANCE Note.3 | ±5% |
| | LINE REGULATION Note.4 | ±0.5% |
| | LOAD REGULATION Note.5 | ±1% |
| | SETUP,RISE TIME | 100ms,50ms/230VAC 100ms,50ms/115VAC at full load |
| | HOLD UP TIME(Typ.) | 20ms/230VAC 10ms/115VAC at full load |
| INPUT | VOLTAGE RANGE | 110-240VAC |
| | FREQUENCY RANGE | 47-63Hz |
| | EFFICIENCY (Typ.) | 81% |
| | AC CURRENT (Typ.) | 1A 230VAC 1.5A/115VAC |
| | INRUSH CURRENT (Typ.) | cold start 30A 230VAC |
| | LEAKAGE CURRENT | <2mA 230VAC |
| PROTECTION | OVERLOAD | Above 105% rated power Protection type:Hiccup mode,recovers automatically after fault condition is removed |
| | SHORT-CIRCUIT | Protection type:Hiccup mode,recovers automatically after fault condition is removed |
| ENVIRONMENT | WORKING TEMP. | -10°C ~+40°C |
| | WORKING HUMIDITY | 20%~90%RH |
| | STORAGE TEMP.,HUMIDITY | -20°C ~+85°C, 10%~95%RH |
| | TEMP.COEFFICIENT | ±0.03%°C (0-40°C) |
| | VIBRATION | 10-500Hz, 2G 10min./1cycle,period for 60min. Each along X,Y,Z, axes |
| SAFETY | WITHSTAND VOLTAGE | I/P-O/P:1.8KVAC I/P-Case:1.8KVAC |
| OTHERS | DIMENSION | 85*58*38mm(L*W*H) |
| | PACKING | 0.15KG,100pcs/15.5KG/0.035CBM |
| NOTES | 1.All parameters NOT specially mentioned are measured at 230VAC input,rated load and 25°C of ambient temperature 2.Ripple&noise are measured at 20MHz of bandwidth by using a 12"twisted pair-wire terminal with a 0.1uf&47uf parallel capacitor 3.Tolerance:includes set up tolerance,line tolerance and load tolerance 4.Line regulation is measured from low line to high line at rated load 5.Load regulation is measured from 0% to 100% rated load. | |