



Features :

- Constant voltage mode power supply
- Universal AC input/Full range
- Double isolated input & output cable
- Ultrasonic welding plastic case IP44
- Built-in active PFC function
- No load power consumption <0.5W
- Protections: Over voltage/Short circuit
- Small and compact size
- Class 2 power unit, pass LPS
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

SPECIFICATION:

| MODEL | | LV12LE-12 | LV12LE-24 |
|--------------|-------------------------|-----------------------------------------------------------------------------------------------------|----------------|
| OUTPUT | DC VOLTAGE | 12V | 24V |
| | CURRENT RANGE | 1A | 0.5A |
| | RATED POWER | 12W | 12W |
| | RIPPLE & NOISE (max.) | 100mVp-p | 150mVp-p |
| | VOLTAGE TOLERANCE | ±2.0% | |
| | LINE REGULATION | ±1.0% | |
| | LOAD REGULATION | ±2.0% | |
| INPUT | VOLTAGE RANGE | 100-240Vac | |
| | FREQUENCY RANGE | 47~63Hz | |
| | POWER FACTOR | PF≥0.90/230VAC PF≥0.90/110VAC at full load | |
| | EFFICIENCY (Typ.) | 78 % full load | 80 % full load |
| PROTECTION | OVER voltage | Above 110%-120% of rated voltage | |
| | Short circuit | Hiccup mode , recovers automatically after fault condition is removed | |
| ENVIRONMENT | WORKING TEMP. | -30~50°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, Z axes | |
| SAFETY & EMC | SAFETY STANDARDS | Design refer to UL1310 Class 2, TUV EN62368- 1, EN61347-2- 13, CAN/CSA C22.2 No. 223-M91, meet IP67 | |
| | WITHSTAND VOLTAGE | I/P-O/P: 3 KVAC | |
| | ISOLATION RESISTANCE | I/P-O/P:>100M Ohms / 500VDC / 25~70% RH | |
| | EMC EMISSION | Compliance to EN55015, EN61000-3-2 Class C;EN610000-3-3 | |
| DIMENSION | | 90*40*18mm (L*W*H) | |

Mechanical Specification

