

60W Waterproof LED Power Supply

1 of 2



Features :

- IP67 design for indoor or outdoor installations
- Protections: Short circuit / Overload/Over temperature
- Cooling by free air convection
- 100% full load burn-in test
- Suitable for LED lighting
- Products through CE, RoHS Certification
- 1 years warranty

IP67 CE RoHS

SPECIFICATION

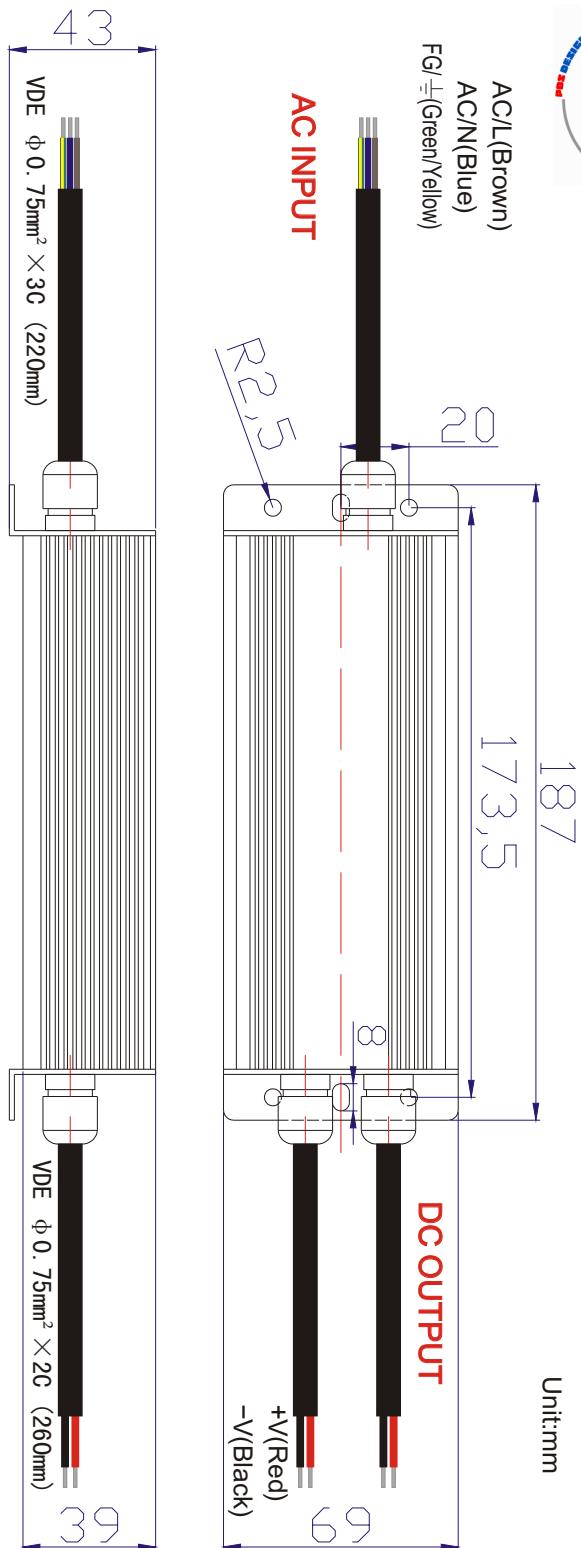
| MODEL | | XH-V05060-A | XH-V12060-B | XH-V24060-A | | |
|--------------|--|--|-------------|-------------|--|--|
| OUTPUT | DC VOLTAGE | 5V | 12V | 24V | | |
| | RATED CURRENT | 12A | 5A | 2.5A | | |
| | CURRENT RANGE | 0~12A | 0~5A | 0~2.5A | | |
| | RATED POWER | 60W | 60W | 60W | | |
| | RIPPLE & NOISE (max.) ^{NOTE2} | 150mV | 150mV | 150mV | | |
| | VOLTAGE TOLERANCE ^{NOTE3} | ±10% | ±4% | ±2% | | |
| | SETUP, RISE TIME | 80ms/220VAC | | | | |
| | HOLD UP TIME (Typ.) | 60ms/220VAC | | | | |
| INPUT | VOLTAGE RANGE | 170 ~ 250VAC | | | | |
| | FREQUENCY RANGE | 50 ~ 60Hz | | | | |
| | POWER FACTOR (Typ.) | PF>0.6/220VAC | | | | |
| | EFFICIENCY (Typ.) | 77% | 80% | 81% | | |
| | AC CURRENT (Typ.) | 0.57A/220VAC | | | | |
| | INRUSH CURRENT (Typ.) | COLD START 40A/220VAC | | | | |
| PROTECTION | Short circuit | Protection type : recovers automatically after fault condition is removed | | | | |
| | Overload | overload protected @ 145-160% above peak rating | | | | |
| | Over temperature | Protection type : Shut down o/p voltage, re-power on to recover | | | | |
| ENVIRONMENT | WORKING TEMP. | -30 ~ +50°C (Refer to output load derating curve) | | | | |
| | WORKING HUMIDITY | 20 ~ 99% RH non-condensing(Waterproof) | | | | |
| | STORAGE TEMP., HUMIDITY | -40 ~ +80°C , 10 ~ 99% RH | | | | |
| SAFETY & EMC | SAFETY STANDARDS | CE Mark (LVD) , IP67 | | | | |
| | WITHSTAND VOLTAGE | I/P-O/P:1.5KVAC I/P-GND:1.5KVAC | | | | |
| | EMC Test Standards | EN55015:2006 ; EN61547:1995+A1:2000 ; EN61000-3-2:2006 ; EN61000-3-3:1995+A2:2005 ; EN61347-1:2001 ; EN61347-2-13:2006 | | | | |
| NOTE | <p>1. All parameters NOT specially mentioned are measured at 220VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 10uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> | | | | | |

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Mechanical Specification



Others

| | |
|-----------------|-----------------------|
| DIMENSION | 187×69×43(mm) (L×W×H) |
| CARTON QUANTITY | 20PCS/Carton |
| CARTON SIZE | 450×315×200(mm) |
| WEIGHT | 900g/PCS |

Derating Curve

