

300W

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
- 2 years warranty

IP67 CE RoHS



FG/⊥ (Green/Yellow)
AC/N (Blue)
AC/L (Brown)
-V (Black)
+V (Red)

SPECIFICATION

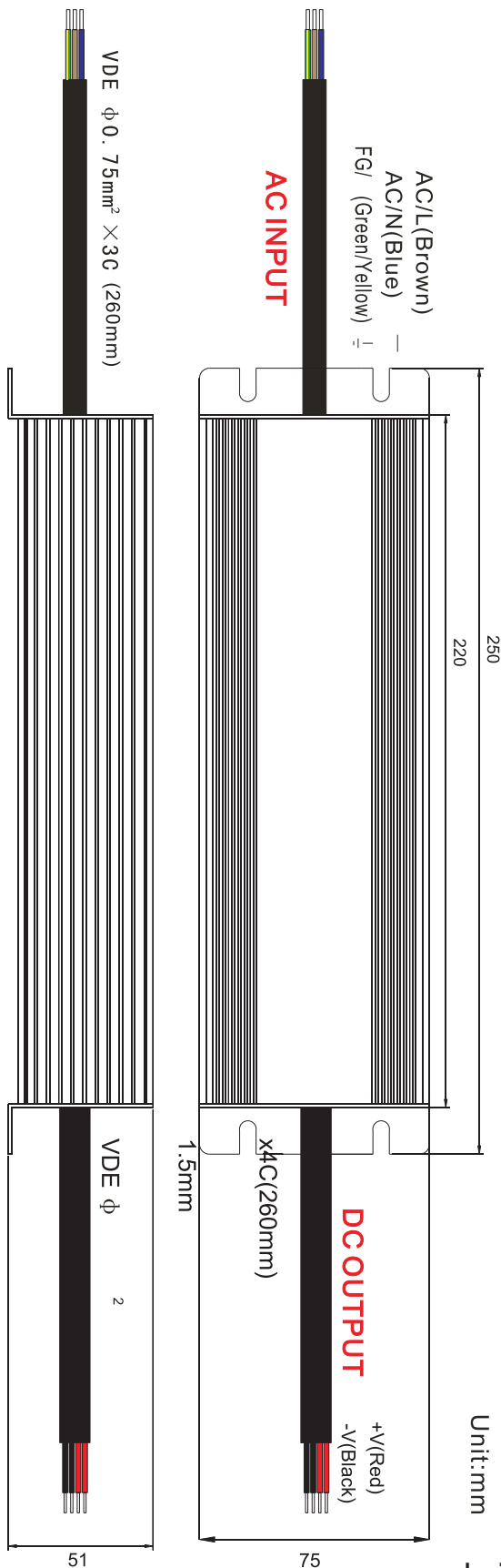
| MODEL | | 12V300W | 24V300W | | | |
|--------------|---|---|---------|--|--|--|
| OUTPUT | DC VOLTAGE | 12V | 24V | | | |
| | RATED CURRENT | 25A | 12.5A | | | |
| | CURRENT RANGE | 0~25A | 0~12.5A | | | |
| | RATED POWER | 300W | 300W | | | |
| | RIPPLE & NOISE ^{NOTE 2} (max.) | 300mV | 300mV | | | |
| | VOLTAGE TOLERANCE ^{NOTE 3} | ±2% | ±1% | | | |
| INPUT | VOLTAGE RANGE | 190~250V | | | | |
| | FREQUENCY RANGE | 50 ~ 60Hz | | | | |
| | POWER FACTOR (Typ.) | PF>0.5/220VAC | | | | |
| | EFFICIENCY (Typ.) | 86% | 88% | | | |
| | AC CURRENT (Typ.) | 2.6A/220CAC | | | | |
| PROTECTION | Short circuit | Protection type : recovers automatically after fault condition is removed | | | | |
| | Overload | overload protected @ 110-140% 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 | 1. All parameters NOT specially mentioned are measured at 220VAC 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 terminated with a 0.1uf & 10uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. | | | | | |

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2 of 2

Mechanical Specification



Others

| | |
|-----------------|----------------------|
| DIMENSION | 250X75X52(mm)(LxWxH) |
| CARTON QUANTITY | 10PCS/Carton |
| CARTON SIZE | 49x27.5x15cm |
| WEIGHT | 1.8kg |

Derating Curve

