



Features



CE IP67

DIMENSIONS : 187(L) x 69(W) x 43(H)mm
WEIGHTS: 900g

- Waterproof, meet class IP67
- Convection cooled
- Build-in short, overload, overheat Protection
- 100% burn-in test
- Apply for LED Light
- 1 years Warranty
- **Output modify range: 3V~100VDC**

General specifications

INPUT

| | |
|------------------------|------------|
| Input range | 170~250VAC |
| Input frequency | 50~60Hz |
| Inrush current (25° C) | 40A/220VAC |

OUTPUT

| | |
|-----------------------|---------------------------|
| Hold-up time | 60mS |
| Short protection | Autorecovery |
| Overload protection | Overpower protection |
| Over temp. protection | Autorecovery ⁵ |

Detail specifications

100 Watts (Constant Voltage)

| MODEL | O/P Voltage | Load(Current) ¹ | | | Ripple & Noise ² | Current Error ³ | Efficiency ⁴ |
|-------------|-------------|----------------------------|-------|-------|-----------------------------|----------------------------|-------------------------|
| | | Min. | Rated | Max. | | | |
| XM-V12100-E | V1: +12V | 0A | 8.34A | 8.34A | 350mVp-p | ±4% | 84% Min. |
| XM-V24100-E | V1: +24V | 0A | 4.2A | 4.2A | 350mVp-p | ±2% | 85% Min. |

CE Standards

EN 55015, EN 61547,
EN 61000-3-2, EN 61000-3-3
LVD: EN 61347-1, EN 61347-2-13

Safety Standards

CE Marking
IP67 Meet

Environments

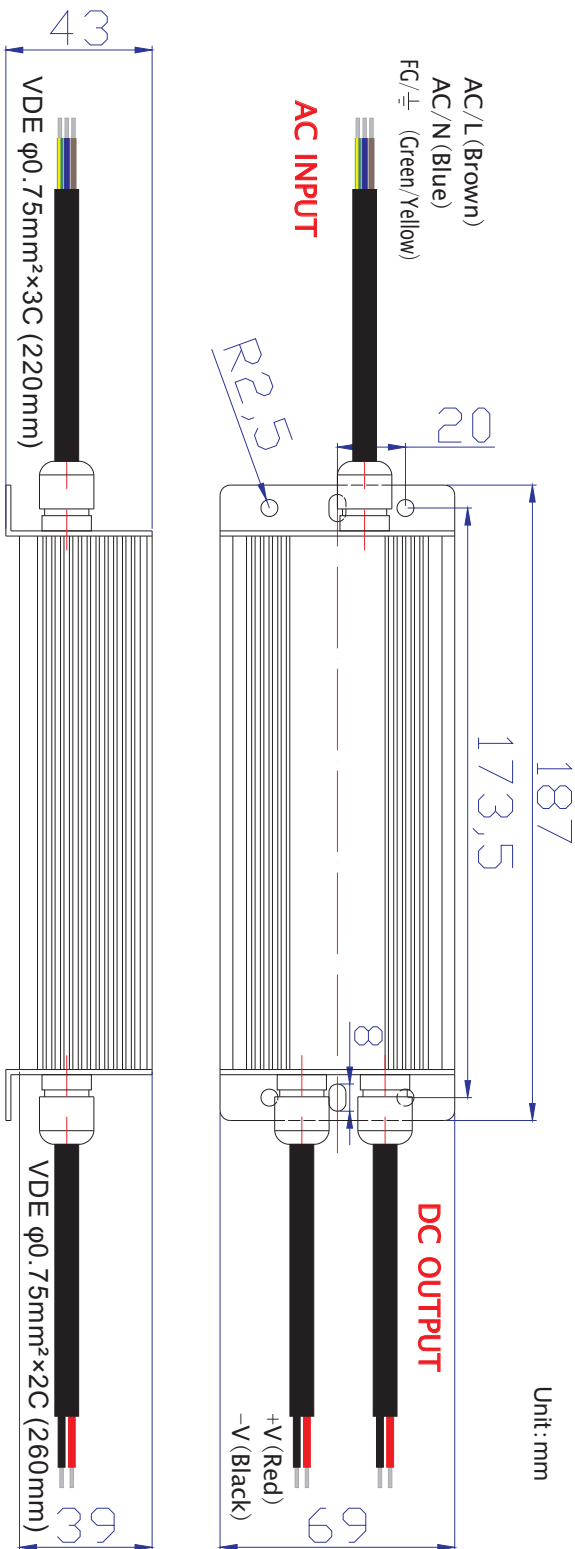
| | |
|-----------------------|----------------------------|
| Operating Temperature | -30 ~ 50°C, Ambient |
| Operating Humidity | 20 ~ 95% RH, No Condensing |
| Storage Temperature | -40 ~ 80°C, Ambient |

Suitable for indoor use or outdoor use without direct sunlight exposure.
Please avoid immerse in the water over 30 minutes.

- NOTE:**
1. Each output can provide up to maximum load, but total load can not exceed rated output power.
 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. The current error is include Load regulation and circuit regulation are measured on the rated load at 220VAC input. (Line regulation is measured from low line to high line at rated load.)
 4. Efficiency is measured at rated load and 220VAC input.
 5. The degree of power transistor over 110°C will auto protect and reset
 6. Reign Power reserve the right to change specifications at any time without notice.



Mechanical Details



Panel Designation

| Symbol | Description |
|--------|--|
| L | Line Terminal Of AC Input (No Polarity At DC Input) |
| N | Neutral Terminal Of AC Input (No Polarity At DC Input) |
| ⊕ | Grounding (Earth) |
| + | DC Positive Output Terminal |
| - | DC Negative Output Terminal |

UNIT : mm
DIMENSION : 187(L)*69(W)*43(H)
MATERIAL : ALUMINUM
COLOR : GRAY

Unit: mm