



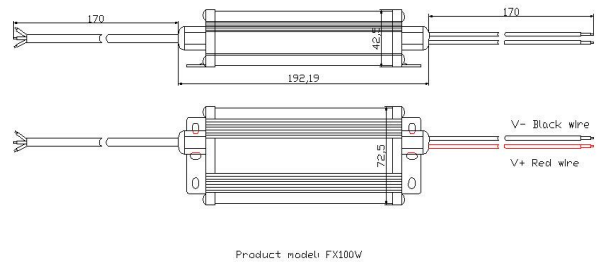
FEATURES

- 100% full load burn-in test
- Universal AC input
- Small size and high efficiency
- Conform to EMC EN5502 GB9254
- Built-in EMI filter with tiny ripple
- Comply with the safety standards UL60950 GB4943 EN60850
- Protection: short circuit/over Voltage/over/load temperature

| MODEL | | 12V 100W | 24V 100W |
|-------------|-------------------------|--|----------|
| OUTPUT | DC VOLTAGE | 12V | 24V |
| | RATED CURRENT | 8.5A | 4.5A |
| | CURRENT RANGE | 0~8.5A | 0~4.5A |
| | RATED POWER | 100W | 100W |
| | RIPPLE& NOISE (MAX.) | 120mVp-p | 120mVp-p |
| | VOLTAGE TOLERANCE | ±1% | ±1% |
| | SETUP , RISE TIME | 1000ms, 20ms/230VAC 1000ms, 20ms/115VAC at full load | |
| | HOLD UP TIME(Typ.) | 30ms/230VAC 25ms/115VAC at full load | |
| INPUT | VOLTAGE RANGE | 85 ~ 264VAC | |
| | FREQUENCY RANGE | 47~63Hz | |
| | POWER FACTOR(Typ.) | PF>0.6/220VAC | |
| | EFFICIENCY(Typ.) | 85% | 86% |
| | AC CURRENT(Typ.) | 2A/115VAC 1.2A/230VAC | |
| | INRUSH CURRENT(Typ.) | COLD START 45A | |
| | SHORT CIRCUIT | protection type: recovers automatically after fault condition is removed | |
| PROTECTION | OVER LOAD | 105~135% hiccup mode , auto-recovery | |
| | DC ADJ. RANGE | 115%~135% Cut off the output , auto-recovery | |
| ENVIRONMENT | WORKING TEMP | -20°C ~ +60°C | |
| | WORKING HUMIDITY | 20%~90%RH | |
| | STORAGE TEMP , HUMIDITY | -40°C~+85°C,10%~90%RH | |
| SAFETY&EMC | SAFETY STANDARDS | CE,ROHS | |
| | WITHSTAND VOLTAGE | I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC | |
| | EMC TESTING STANDARD | EN55015:2006;EN61547:1995+A1:2000;EN61000-3-2:2006; EN61000-3-3:1995+A2:2005;EN61347-1:2001;EN61347-2-13:2006 | |

Mechanical Specification

| Terminal Assignment | | | |
|-------------------------------|------------|-----------------------------|-------------|
| Pin No. | Assignment | Pin No. | Assignment |
| 1 | AC/L | 4.5 | DC OUTPUT-V |
| 2 | AC/N | 6.7 | DC OUTPUT+V |
| 3 | ⏏ FG | | |
| Dimension: 180*71*42mm | | Carton size: 464*357*372 mm | |
| Carton Quantity: 59PCS/Carton | | Weight: 0.42Kg/PCS | |



| Derating Curve | Static Characteristics(12V) |
|----------------|-----------------------------|
| | |

REMARKS:

- 1, The above mentioned data were measured at 230VAC input and 25°C.
- 2, Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
- 3, Cut the AC input before checking any mal-phenomenons.
- 4, Make sure the INPUT&OUPUT were in right situation before connected to power supply.
- 5, Be ware of high power pressure may caused by short circuit when installing metal casing products.
- 6, Please contact us at info@xinrealpower.com for further solution if any unforeable problem happens.