

**FEATURES**

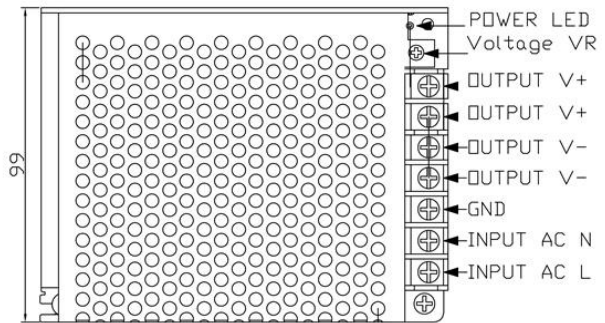
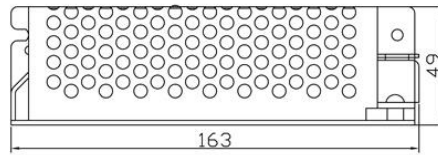
- 100% full load burn-in test
- Universal AC input
- Small size and high efficiency
- Conform to EMC EN5502 GB9254
- Built-in EMI filter with tiny ripple
- Comply with the safety standards UL60950 GB4943 EN60850
- Protection: short circuit/over Voltage/over/load temperature

| MODEL              |                                      | 5V 200W  |
|--------------------|--------------------------------------|--|
| OUTPUT             | DC VOLTAGE                           | 5V   |
|                    | RATED CURRENT                        | 40A  |
|                    | CURRENT RANGE                        | 0~40A  |
|                    | RATED POWER                          | 200W   |
|                    | RIPPLE& NOISE (MAX.)                 | 150mVp-p   |
|                    | VOLTAGE TOLERANCE                    | ±1%  |
|                    | SETUP , RISE TIME                    | 1000ms, 50ms/230VAC 1000ms,50ms/115VAC at full load  |
| HOLD UP TIME(Typ.) | 20ms/230VAC 16ms/115VAC at full load |  |
| INPUT              | VOLTAGE RANGE                        | 85~132VAC/170~264VAC   |
|                    | FREQUENCY RANGE                      | 47~63Hz  |
|                    | POWER FACTOR(Typ.)                   | PF>0.6/220VAC  |
|                    | EFFICIENCY(Typ.)                     | 85%  |
|                    | AC CURRENT(Typ.)                     | 4.5A/115VAC 2.5A/230VAC  |
|                    | INRUSH CURRENT(Typ.)                 | 40A/115VAC 55A/230VAC  |
|                    | 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;<br>EN61000-3-3:1995+A2:2005;EN61347-1:2001;EN61347-2-13:2006 |

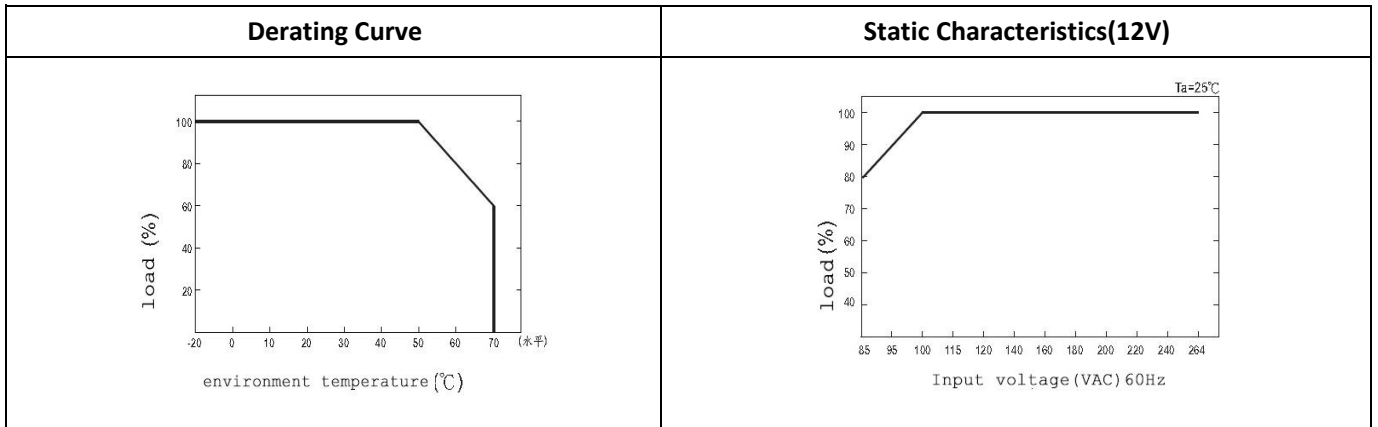
**Mechanical Specification**

**Terminal Assignment**

| Pin No.                       | Assignment | Pin No.                     | Assignment  |
|-------------------------------|------------|-----------------------------|-------------|
| 1                             | AC/L       | 4.5.6                       | DC OUTPUT-V |
| 2                             | AC/N       | 7.8.9                       | DC OUTPUT+V |
| 3                             | FG         |                             |             |
| Dimension: 159*99*49 mm       |            | Carton size: 430*278*227 mm |             |
| Carton Quantity: 50PCS/Carton |            | Weight: 0.52kg/PCS          |             |



Product model: PS150W or PS200W



**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](mailto:info@xinrealpower.com) for further solution if any unforeable problem happens.