

Water-proof Power Supply

SW-100W-12



Feature:

- 100W Single Output Water-proof Power Supply
- Output voltage & current: DC12V 8.3A
- Input voltage range: 180~264VAC
- Built in EMI filter with tiny ripple
- 100% full load burn-in test
- Air Cooling
- Built-in constant current limiting circuit (C.C.+C.V.mode);
- Protection: Short circuit/ Overload/ Over voltage/ Over temperature

CE FC



Specification:

| | Model | SW-100W-12 |
|--------------------|---|--|
| Output | DC output Voltage | 12V±1% |
| | Output Current Range | 0-8.3A |
| | Wave and Noise | 120mVp-p |
| | DC output Power | 100W |
| | Efficiency | 85% |
| | DC Voltage Adjustable Scope | (at full load)≤0.5% |
| Input | Voltage Range | 180~264VAC 47-63Hz |
| | Input Current | 0.45A/230V |
| | Leakage Current | <1mA/ 240VAC |
| | Inrush Current | Cold start 36A/ 230VAC |
| Protection | Over-load | 105%~135%, Protection type: Constant current limiting, recovers automatically after fault condition is removed |
| | Over-voltage | 105%---150% Rated Voltage, Protection type: Shut off |
| | High-temperature | RTH3>=65°C FAN ON<=55°C FAN OFF>=80°C Cut off output(5~15V) |
| Environment | Working temperature & humidity | -10°C~+50°C, 20~90%RH |
| | Store temperature & humidity | -20°C~+85°C, 10~95%RH |
| | Temperature coefficient | ±0.03%/°C(0~50°C) |
| | Vibration | 10~500Hz,2G 10min./1cycle,Period for 60min,EACH AXES |
| Safety | Withstand voltage | I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC |
| | Isolation resistance | I/P-O/P,I/P-FG,O/P-FG: 100M Ohms/500VDC |
| Standard | CE EMC Standard | EN55015:2013+A1:2015, EN61547:2009, EN61000-3-2:2014, EN61000-3-33:2013 |
| | CE LVD Standard | EN61347-2-13:2014+A1:2017, EB61347-1:2015 |
| | ROHS Standard | IEC 62321: 2013, EPA3050B:1996, EN1122:2001, EPA3052:1996, EPA3060A, etc. |
| Other | Dimension | 203*47*35mm (L*W*H) |
| | Weight | 0.51kg |
| Notes | <ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC 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 & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. I/P-O/P: Input and output interval, I/P-FG: Input and enclosure, O/P-FG: Output and enclosure | |