

15W Waterproof AC-DC Switching Power Supply Specifications

| Model | | W12V15W | Remark |
|--------------------------|--|--|---------------------------|
| Input | Voltage (V) | 100V-260V | |
| | Current (A) | ACIN 110V | 0,37 |
| | | ACIN 220V | 0,26 |
| | Frequency (Hz) | 50Hz/60Hz (47~63Hz) | |
| | Efficiency | ACIN 110V | 85% |
| | | ACIN 220V | 85% |
| | Inrush current (A) | ACIN 110V | 20 typ @ 25 °C cold start |
| ACIN 220V | | 40 typ @ 25 °C cold start | |
| Leakage current (A) | 0.75max (ACIN 115V/240V, 60Hz, I _o = 100%, IEC60950-1 and DEN-AN compliant) | | |
| Output | Voltage (V) | 12 | |
| | Current (A) | ACIN 110V | 1,25 |
| | | ACIN 220V | 1,25 |
| | Power (W) | ACIN 85-115V | 15 |
| | | ACIN 115-264V | 15 |
| | Power Supply Regulation (mV) | 200max | |
| | Load Regulation (mV) | 120max | |
| | Ripple Voltage (mV p-p) | -10—50°C | 200max |
| | Ripple Noise (mV p-p) | -10—50°C | ≤300mV |
| | Drift (mV) | | 60max |
| Startup time (ms) | ≤200S@120VAC≤10S@230VAC | | |
| Protection time (ms) | ≥20mS@120VAC,≥20mS@230VAC | | |
| Output voltage range (V) | ± 10% (rated output voltage) | | |
| Protection circuit and | Overcurrent protection | 105% ~ 150% (rated load), self-recovery | |
| | Overvoltage protection (V) | 115% ~ 135% (rated output voltage) | |
| | Short circuit protection | Protection, automatic recovery | |
| Insulation properties | Input-output | AC1500V,1min, 25°C | |
| | Input-Enclosure | AC1500V,1min, 25°C | |
| | Output-Enclosure | DC500V,1min, 25°C | |
| Environmental conditi | Operating temperature | -10°C~50°C; 20% ~ 90% RH (no condensation) | |
| | Storage temperature | -20°C~70°C; 20% ~ 90% RH (no condensation) | |
| | Vibration | 10 ~ 55Hz, 19.6m/S ² (2G), 3 min cycle, 60 min along X, Y, Z axis | |
| | Impact | 196.1m/S ² (20G), 11ms, once along X, Y and Z axis | |
| Safety and noise regul | Safety certification | Comply with EN | |
| | Electromagnetic compatibility standard | EN55022 Class B, EN61000-4-2/-3/-4/-5/-6/-11 | |
| Other | Enclosure dimensions | 97*29*20mm | |
| | Weight (kg) | 0,1 | |
| | Cooling method | Natural Energy | |