





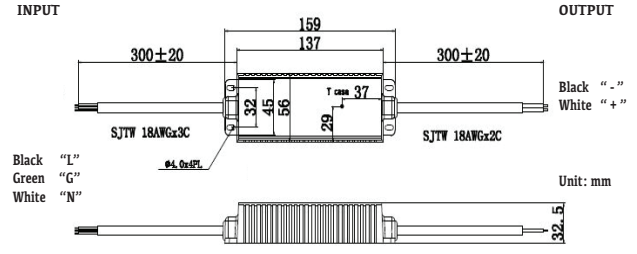


F LED POWER SUPPLY/DRIVER (60w)

| | | | | | | |
|---|--------------------------------|--------------------------------|------------|--|---|---|
| Product Name | | LED Power Supply/Driver | | Features - High performance premium power supply - IP68 - WATERPROOF - for use indoor or outdoor, dry, damp, or wet locations - Variable input voltage with grounding wire: 100v - 277v - Working temperature: -30°C - 45°C - OVP, OCP, SCP, OTP protection function - Rating: Class 2, for use with LEDs and LED signage - UL, CE, FCC, RoHS, fire rating | | |
| Model | | 60W-PPS277 | | | | |
|  | | | | | | |
| Safety Certification:      | | | | | | |
| Product Parameters | | | | | | |
| Output Characteristics | Rated Output Voltage | 12V | | Environmental Characteristics | Working Temperature | -30 ~ +45° C |
| | Rated Output Current | 5A | | | Working Humidity | 20 ~ 95% RH, (non-condensing) |
| | Rated Output Power | 60W | | | Storage Temperature | -40 ~ +85° C |
| | Output Voltage Accuracy | ± 5% (11.4 - 12.6V) | | | Storage Humidity | 10 ~ 95% RH |
| | Output ripple & noise | ≤ 2.5V | | | IP Rating | IP68 |
| Input Characteristics | Input Voltage Range | 100VAC ~ 277VAC | | Vibration | 10 ~ 500HZ, 5G 30 minutes (for X, Y, Z each axis) | |
| | Input Frequency Range | 47HZ ~ 63HZ | | Safety and EMC | Safety Rating | Class 2, IP68 |
| | Input Current | .62A/120V | 0.28A/277V | | Dielectric Strength (Hi-Pot) | I/P-O/P 3.75KVAC/ 10mA/3S I/P-Case 1.8 KVAC/ 10mA/3S |
| | Inrush Current (cold start) | ≤ 35A (230Vac) | | | Insulation Resistance/ | 100MOhm Max/ 500VDC/ 3S |
| | Efficiency | ≥ 85% | | | Grounding Resistance | 100mOhm |
| PF | ≥ 0.95 (115Vac) ≥ 0.9 (230Vac) | | EMC | | FCC part 15classB EN55015 | |
| Protective Characteristics | Over-Current Protection | ■ YES □ NO | | Other Characteristics | MTBF | ≥ 30khrs. MIL-HDBK-217F(25° C) |
| | Short-Circuit Protection | ■ YES □ NO | | | Size | 159*56*32.5mm(L*W*H) |
| | Over-Voltage Protection | ■ YES □ NO | | | Weight | 0.52KG |
| | Over-Temperature Protection | ■ YES □ NO | | | | |
| Warranty | | | | | | |
| Product <input type="checkbox"/> 3 years or 30,000 hours | | | | | | |



- Please ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral wire.
- Please ensure the power supply position has sufficient airflow. Operating temperature must be between -40°C to +55°C.
- Do not overload the power supply with multiple appliances.
- Power supply operates at high temperature. To avoid injury, do not touch while in use.
- Do not install with power connected or during an electrical disturbance.
- Do not attempt to install by yourself. Please contact the supplier with any questions.
- Please read and follow the instructions carefully before installing. Ensure all contact points are in good working order.
- Please pay attention to the environment, and check for any unsafe conditions.



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