# G.L. LED US LIGHTING

# LED Driver - OMP-300W-12V



OMP-300W-12V is a high-performance driver designed to accommodate input voltages from 90VAC to 277VAC. With an IP rating of 68, it is versatile for a wide variety of applications and delivers a powerful 300W output.

## **Features**

- Constant voltage
- Variable AC input 90-277 VAC, dual output
- IP68 construction with waterproof enclosure
- Suitable for dry, damp and wet location
- Protection: Short circuit / Over temp. / Over voltage

- Aluminum case
- 100% full load burn-in test
- 5 years warranty

Output

 LLC current resonant technology with 92-96% efficiency, reduced size and increased reliability



# **Specification**

#### Input

| Voltage Range                   | 90-277VAC                |
|---------------------------------|--------------------------|
| Frequency Range                 | 50/60Hz                  |
| Power Factor (Typ). @ full load | 0.95 min.                |
| THD(Typ.)@ full load            | <10%                     |
| Efficiency(Typ.)@ full load     | 92%                      |
| AC Current(Max.)                | 2.9A@115VAC, 1.4A@240VAC |
| Inrush Current (Typ.)           | 50A                      |

| <b>DC Voltage</b>  | 12V  |
|--------------------|------|
| Rated Current      | 25A  |
| Rated Power        | 300W |
| Voltage Regulation | ±5%  |

### Environment

| Working Temperature    | -4°F to 122°F          |
|------------------------|------------------------|
| Working Humidity       | 20~85%RH               |
| Storage Temp. Humidity | -4°F to 167°F, 5~95%RH |

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Protection, Safety

| Short Circuit           | Auto Restart   |
|-------------------------|----------------|
| Over Loading            | Auto Restart   |
| <b>Over Temperature</b> | Auto Restart   |
| Withstand Voltage       | P-S3.75KV 10mA |
| Isolation Resistance    | 500V 100MΩ     |

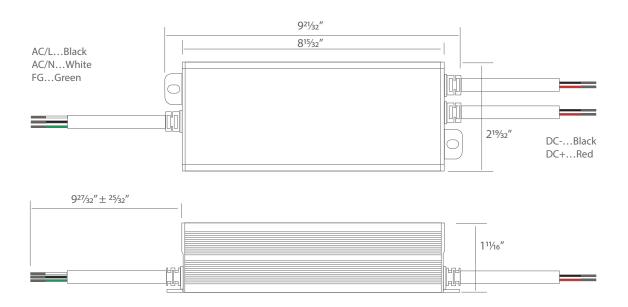
Others

| Net Weight       | 2.1lb  |
|------------------|--|
| Size (L x W x H) | 9 <sup>1</sup> %2 x 2 <sup>1</sup> %2 x 1 <sup>2</sup> %2 in |
| Packing          | 10PCS/CTN  |

### **Order Information**



# Dimensions



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