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

IP 68   c UL us   5 YEAR WARRANTY

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

Output

DC Voltage	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

GL LED US LIGHTING reserves the right to modify this specification without prior notices.

Protection, Safety

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

Others

Net Weight	2.1lb
Size (L x W x H)	$9\frac{19}{32}$ x $2\frac{19}{32}$ x $1\frac{23}{32}$ in
Packing	10PCS/CTN

Order Information

Series	Power	Voltage
OMP	300W	12V

Dimensions

AC/L…Black
AC/N…White
FG…Green

$9\frac{21}{32}''$
$8\frac{15}{32}''$

$2\frac{19}{32}''$

DC-…Black
DC+…Red

$9\frac{27}{32}'' \pm \frac{25}{32}''$

$1\frac{11}{16}''$

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