

ALL PSU DATA SHEET.

100 Watt, UL1310 Class 2 LED & Lighting Power Supplies, CLG-100 Series. IP67 Rated.

- * Universal AC Input
- * IP67 Rated for Indoor or Outdoor Use.
- * Full Approvals Including UL1310 Class II
- * Convection Cooling
- * 100% Burn In & Tested
- * Protected For Short Circuit / Over Load / Over Voltage / Over Temperature.
- * Suitable for many applications including LED Lighting & Moving Sign Applications.
- * 3 Years warranty



Specification.

Input Voltage	90~264 VAC, 47~63 Hz
Power Factor	>0.95 for 230 VAC, >0.98 for 115 VAC
Inrush Current	Full Load/Cold Start, Peak <40 A @ 230 V
Hold Up Time	60mS @ Full Load / 230VAC
Output Voltage	See Table Below
Over Current Protection	Constant Current Limiting, Auto Recovery.
Over Voltage Protection	Shut Down, Re-Power on to recover.
Operating Temperature	-30~+50°C @ Full Load, Derates to 60% @ 70°C
Withstand Voltage	I/P-O/P : 4.25KVDC
Safety Standards	UL1310 Class 2, TUV EN60950-1, CAN / CSA C22.2 No. 223-M91 (except 48 Volts)
EMC Standards	EN55022 (CISPR22) Class B, EN61000-3-2,-3 EN61000-4-2,3,4,5,6,8,11, ENV50204, EN55024
Dimensions	222 x 68 x 39 mm (including flanges each end).
Case Style	IP67 Rated, Metal Case Internally Encapsulated
Connection Leads (300mm)	Input 3 Core, Output 2 Core

Model	Output	Ripple & Noise	Efficiency
CLG-100-12	12 Volts / 5.0 Amps	150mV p-p	83%
CLG-100-15	15 Volts / 5.0 Amps	150 mV p-p	85%
CLG-100-20	20 Volts / 4.8 Amps	150 mV p-p	87%
CLG-100-24	24 Volts / 4.0 Amps	150 mV p-p	87%
CLG-100-27	27 Volts / 3.55 Amps	150 mV p-p	87%
CLG-100-36	36 Volts / 2.65 Amps	150 mV p-p	87%
CLG-100-48	48 Volts / 2.0 Amps	200 mV p-p	87%

*Other High IP Rated Lighting & LED Units Are Available From 17 to 100 Watts.
Please Contact The ALL PSU Sales Office For Details.*

Please visit us at www.allpsu.co.uk for our full product range.

For full specification and mechanical drawing please contact ALL PSU sales office.
Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions Apply.

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