

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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