

ALL PSU DATA SHEET.

100 Watt, UL1310 Class 2 LED & Lighting Power Supplies, ECO-1090 Series.

- * Universal AC Input
- * IP66 Rated for Indoor or Outdoor Use.
- * Full Approvals Including UL1310 Class II
- * Convection Cooling
- * 100% Burn In & Tested
- * Constant Voltage or Constant Current Option
- * Suitable for many applications including LED Lighting & Moving Sign Applications.
- * 3 Years warranty



Specification.

Input Voltage	90~264 VAC, 47~63 Hz
Power Factor	>0.92 for 230 VAC,
Inrush Current	Full Load/Cold Start, Peak <40 A @ 230 V
Output Voltage	See Table Below
Protection	Over Current / Short Circuit, Auto Recovery.
Operating Temperature	-30~+50°C @ Full Load, Derates to 80% @ 70°C
Efficiency	85% Typical
Safety Standards	UL1310, UL48 Class 2, cUL, CE, FCC B CAN / CSA C22.2 No. 223-M91 (except 48 Volts)
EMC Standards	EN55022 Class B, EN55011 Class B,
Dimensions	170 x 60 x 37 mm (plus mounting flanges each end).
	Longer cases versions are also available which have internal space available for customer circuitry.
Case Style	IP66 Rated, Metal Case Internally Sealed
Connection Leads (300mm)	Input 3 Core, Output 2 Core
	Other connections such as custom leads or screw terminals are also available.

Model	Constant Voltage Output Mode.		Constant Current Output Mode		Power Watts
	VDC Output Adjust. Range	Output Current Max Set Range	DC Output Working Range	Output Current Max Set Range	
ECO-1090-36-GG-170	24 ~ 36 Volts	1 ~ 2.66 Amps	18 ~ 36 Volts	1.5 ~ 2.66 Amps	96 Watts
ECO-1090-24-GG-170	18 ~ 24 Volts	1.5 ~ 4 Amps	12 ~ 24 Volts	2.5 ~ 4 Amps	96 Watts
ECO-1090-19-GG-170	12 ~ 19 Volts	2 ~ 5 Amps	10 ~ 19 Volts	3 ~ 5 Amps	96 Watts

Notes : (1) Units need to be ordered as either Constant Voltage (most common) or Constant Current Output Mode, depending on your application requirements.
 (2) Output Voltage and Current requirements need to be customer specified and are preset at the factory. Eg Model ECO-1090-24-GG-170 has a fixed output voltage of 24 Volts at up to 4 Amps.

*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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