

Model: GP-LD15-40C

Features

- DC Input 11 to 15VDC and 22~30VDC.
- Constant Current Mode.
- Protection: SCP / OVP
- UVLO (Under-Voltage Lockout Protection) Preventing Deep Discharge, Protecting the Battery.
- Reverse Input Power Protection (Device Will Not Start if Power Inputs are Reversed).
- Operating Temperature from -20°C to 40°C at Full Load.
- IP67 Rated for Environmental Protection.

Approvals

CE IP67

Size

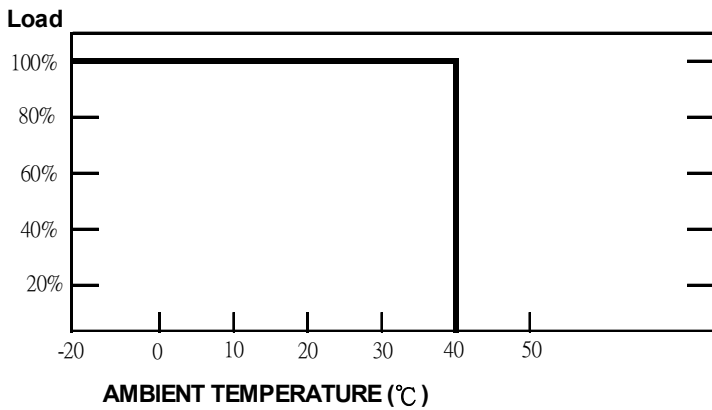
57 x 41 x 24mm(L*W*H)



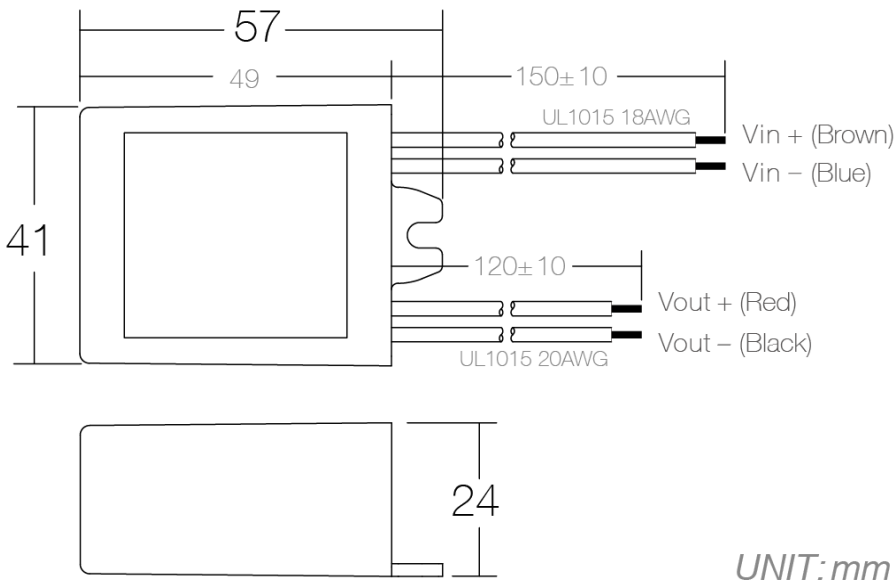
Specifications

Model No.		GP-LD15-40C
Output	DC Output Current	350mA±10%
	LED Operation Voltage	30 - 40V
	Rated Power	14W
Input	Voltage Range	11-15VDC / 22-30VDC
	DC Current (Max.)	2.6A at 11VDC / 1.3A at 22VDC
	Efficiency (TYP.)	>84% at 12/24VDC
Protections	Short Circuit	Auto-recovery mode
	Over Voltage / No Load	41 - 45V Auto-recovery mode.
	Reverse Input Power	No Output Power
	UVLO(INPUT UNDER-VOLTAGE LOCKOUT)	9.5 - 10.9V (at input voltage 11-15VDC) 19 - 21.8V (at input voltage 22-30VDC)
Environment (Outside of the case)	Operation Temp.	-20°C ~ 40°C
	Operation Humidity	20% ~ 90% RH non-condensing.
	Storage Temp.	-40 ~ 80°C
	Storage Humidity	10% ~ 90% RH
	Vibration with Packaging	10 - 500 Hz, 2G 10 min. / 1 cycle, period for 60 min. each along X, Y, Z axes.
Safety & EMC	EMS Immunity	Compliance to EN61000
Others	MTBF	350K hours min.MIL-HDBK-217F(25°C)
	Dimension(L x W x H)	57 x 41 x 24mm; 77.4g/pcs
Note	All specifications not specially mentioned are measured at 12V DC or 24V DC and 25°C ambient temperature.	

Derating Curve



Mechanical Specification



Applications

This LED driver is suitable for a wide range of scenarios – in particular for lighting systems on boats, vehicles and vessels. It works well with a variety of lower voltage power sources in which the voltage level may fluctuate significantly, including 12VDC, 24VDC, battery power and solar power.

