

Model: GP-LD10/GP-LD15 Series

Features

- Universal DC Input 11-15VDC and 22~30VDC.
- Built-in Constant Current Limiting Design.
- Operation from -20°C ~40°C Full Load (Room TEMP).
- Cooling by Free Air Convection.
- Protections: SCP / UVLO / OVP / Reverse Input Power Protection.
- IP67 Design.

Approvals

CE FC IP67

Size

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

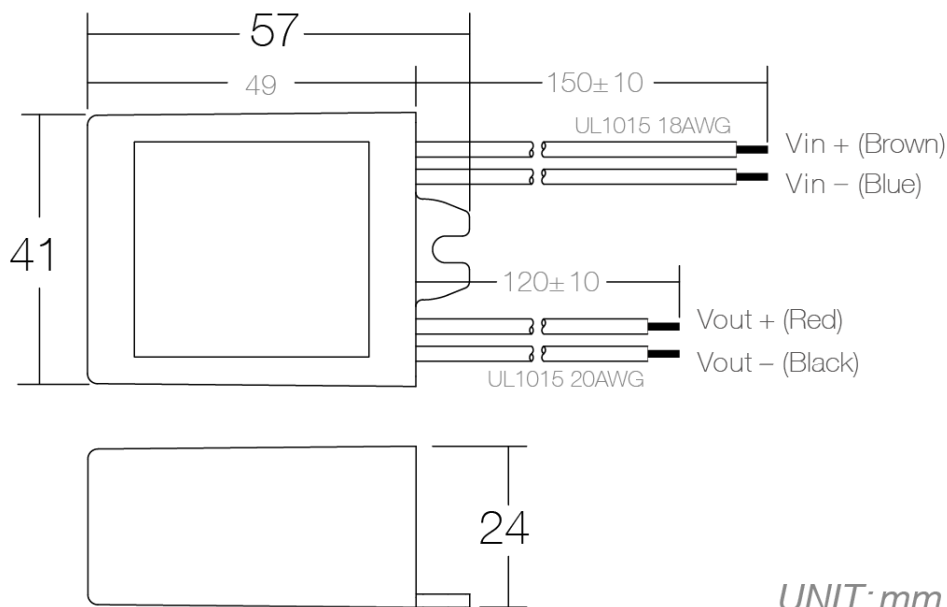


Specifications

Model No.		GP-LD10-30C	GP-LD15-30C	GP-LD15-24C
Output	DC Output Current	350mA±10%	500mA±10%	700mA±10%
	LED Operation Voltage	16 - 30V	16 - 30V	16 - 25V
	Rated Power	10.5W	15W	17.5W
Input	Voltage Range	11-15V DC / 22-30VDC		
	DC Current (Max.)	1.6A at 11VDC 0.8A at 22VDC	2.6A at 11VDC 1.3A at 22VDC	2.6A at 11VDC 1.3A at 22VDC
	Efficiency (TYP.)	>84% at 12/24V DC		
Protections	Short Circuit	Auto-recovery mode		
	Over Voltage / No Load	31.1 - 35V Auto-recovery mode.	31.1 - 35V Auto-recovery mode.	25.1 - 30V 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	1. All specifications not specially mentioned are measured at 12VDC or 24VDC and 25°C ambient temperature.	

Mechanical Specification



UNIT: mm

Derating Curve

