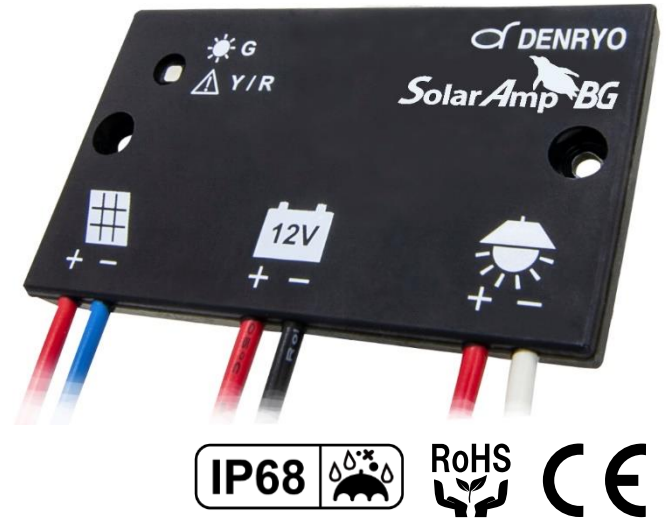


Features

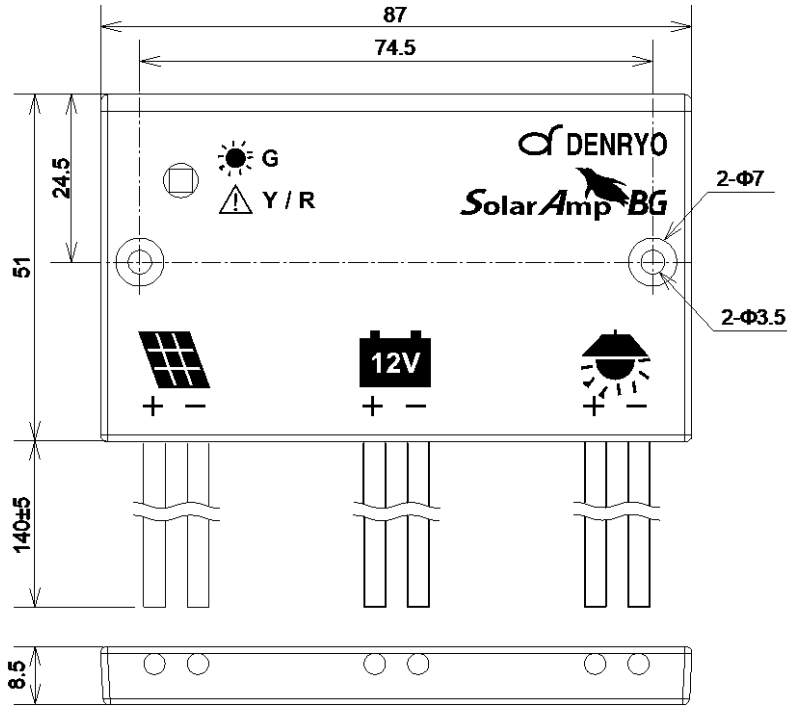
- High Weather Resistance
- Slim and compact design
- High Toughness
- Easy to Install and Use
- Multicolor LED Indicator
- Low Self-Consumption
- Cutting-edge Technology
- Adequate Protection Circuit
- Over Discharged Battery Recovery
- Made in Japan



Specification

MODEL		SA-BGA10
System Voltage		12Vdc
Max. Input Voltage		25Vdc
Min. Input Battery Voltage		6Vdc
Max. Input Current		10A
Max. Load Current		10A
Self-consumption Current		2mA (Typical)
Charging Algorithm		3-stage (Bulk, Absorption, Float)
Charging Voltage		14.4Vdc
Float Charging Voltage		13.7Vdc
High Voltage Protection		18Vdc
Over Discharge Protection	Warning	11.8Vdc
	Error	11.5Vdc
	Recovery	12.5Vdc
High Temp. Protection	Warning	60°C
	Error	80°C
	Recovery	60°C
Battery Type		Lead acid battery
Wire Size		#16AWG, 1.25sq
Grounding		Positive ground
Temperature Coefficient		-30mV/°C
Operation & Storage Temperature		-40 to +70°C
Humidity		100%RH
Dimensions (W x H x D)		87x51x8.5mm
Weight		65g

■ Dimensions



Unit [mm]

■ LED Indicators

LED/Color		Description
Green	1 blink	Bulk Charging
	2 blinks	Absorption Charging
	Solid	Float Charging
Yellow	1 blink	Low Voltage Warning
	2 blinks	High Temperature Warning
	Blinks	Over Load Reconnecting
Green/Yellow	1/1 blinks	Charging & Low Voltage Warning
	1/2 blinks	Charging & High Temperature Warning
Red	1 blink	Low Voltage Error
	2 blinks	High Temperature Error* ¹
	Solid	Over Voltage Error
	Blinks	Over Load Error
Green/Red	1/1 blinks	Charging & Low Voltage Error

*¹ Stop charging but continue output to the load.

LED indicator example

