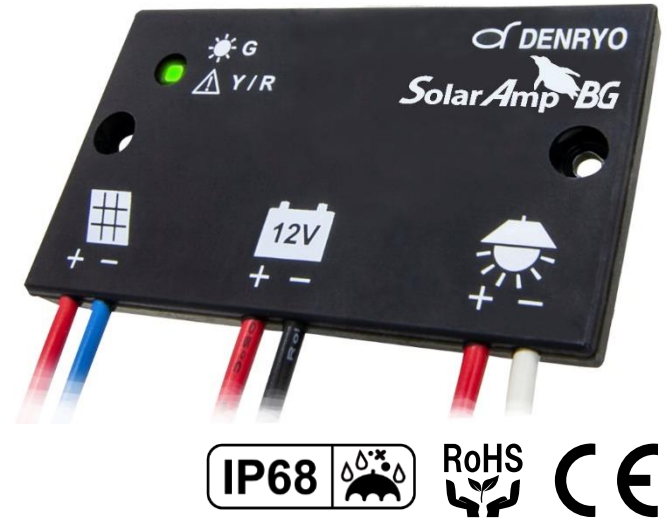


Features

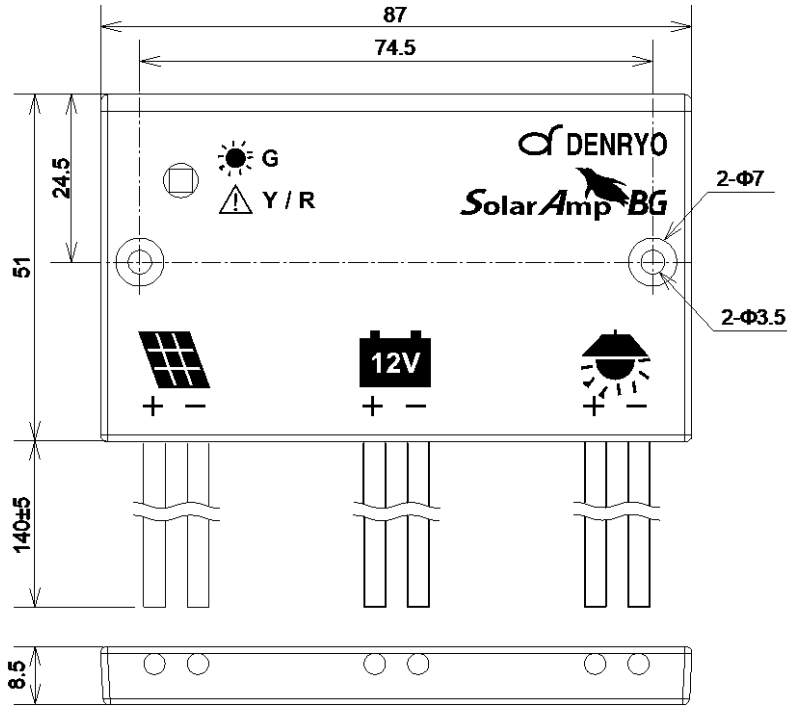
- High Weather Resistance
- Slim and compact design
- High Toughness
- Easy to Install and Use
- Multicolor LED Indicator
- Low Self-Consumption
- Cutting-edge Technology
- Adequate Protection Circuit
- Over Discharged Battery Recovery
- Made in Japan



Specification

MODEL		SA-BGA10	SA-BGB10
System Voltage		12Vdc	24Vdc
Max. Input Voltage		25Vdc	50Vdc
Min. Input Battery Voltage		6Vdc	8Vdc
Max. Input Current		10A	
Max. Load Current		10A	
Self-consumption Current		2mA (Typical)	
Charging Algorithm		3-stage (Bulk, Absorption, Float)	
Charging Voltage		14.4Vdc	28.8Vdc
Float Charging Voltage		13.7Vdc	27.4Vdc
High Voltage Protection		18Vdc	36Vdc
Over Discharge Protection	Warning	11.8Vdc	23.6Vdc
	Error	11.5Vdc	23Vdc
	Recovery	12.5Vdc	25Vdc
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	-60mV/°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

