

Solar Garden Light BST-GGD-001 Specifications

Description

Solar Garden light uses solar panel with photovoltaic effect principle to receive solar radiation during the day, then converted into electrical energy, after that store in batteries by **charger** controller, while at night when the illumination gradually reduced to about 10LUX, the open circuit voltage of solar panels reaches the set value, the battery discharge current to the lamp; when the battery is discharged to the set value, battery stops discharge, the solar light turned off. Or the next day when the illumination is higher than about 10LUX, **controller controls charging and discharging**, the battery discharge suspended, solar panel starts battery charging.



Design Features

- With solar panel, battery, controller, LED all in one unit, Beautiful and trendy appearance
- 2000 deep cycle brand new LifePO4 lithium battery with service life more than 5 years
- A+ solar panel's long lifespan, better performance, high efficiency
- 80pcs SMD super bright white LEDs. Good consistency light color, and high color render index, and low light decay.
- High quality PC Lamp shade, high light transmission rate, light color even soft without light spot.
- Solar powered, electricity and wiring free.
- Easily installed on existing pole.
- IP Rating: IP65
- 3 years Warranty

Specifications

Model	BST-GGD-001	Autonomy	15h after full charge
Solar panel power	5V 20W	Material	Aluminium housing + PC diffuser
Solar panel type	Monocrystalline	Unit size	Φ480xH440mm
Solar module efficiency	20%	pole mounting diameter	Φ80
Light source	80pcs SMD2835 white LEDs	Units per package	1pcs
Color temperature	3000~6500K	Package size	540x540x520mm
Color Index(CRI)	Ra>80	Net Weight	5.2Kg
Battery	3.2V 20000mAh LiFePO4	G.W.	6.8Kg
Life span of battery	2,000 cycles	Operating temperature	-20℃~+50℃
Charge time	3-5H	Protection class	IP65
Working mode	Automatically on at night, off at day	Color	frosted black
Switch function	ON/OFF	Warranty	3 years



Solar Garden Light BST-GGD-002 Specifications

Description

Solar Garden light uses solar panel with photovoltaic effect principle to receive solar radiation during the day, then converted into electrical energy, after that store in batteries by charger controller, while at night when the illumination gradually reduced to about 10LUX, the open circuit voltage of solar panels reaches the set value, the battery discharge current to the lamp; when the battery is discharged to the set value, battery stops discharge, the solar light turned off. Or the next day when the illumination is higher than about 10LUX, controller controls charging and discharging, the battery discharge suspended, solar panel starts battery charging.



Design Features

- With solar panel, battery, controller, LED all in one unit, beautiful and trendy appearance
- 2000 deep cycle brand new LifePO4 lithium battery with service life more than 5 years
- A+ solar panel's long lifespan, better performance, high efficiency
- 80pcs SMD super bright white LEDs. Good consistency light color, high color render index, and low light decay.
- High quality PC Lamp shade, high light transmission rate, light color even soft without light spot.
- Solar powered, electricity and wiring free.
- Easily installed on existing pole.
- IP Rating: IP65
- 3 years Warranty

Specifications

Model	BST-GGD-002	Autonomy	15h after full charge
Solar panel power	5V 20W	Material	Aluminium housing + PC diffuser
Solar panel type	Monocrystalline	Unit size	400x400xH410mm
Solar module efficiency	20%	pole mounting diameter	Φ78
Light source	80pcs SMD2835 white LEDs	Units per package	1pcs
Color temperature	3000~6500K	Package size	410x410x440mm
Color Index(CRI)	Ra>80	Net Weight	4.8Kg
Battery	3.2V 20000mAh LiFePO4	G.W.	5.7Kg
Life span of battery	2,000 cycles	Operating temperature	-20℃~+50℃
Charge time	3-5H	Protection class	IP65
Working mode	Automatically on at night, off at day	Color	frosted black
Switch function	ON/OFF	Warranty	3 years

