



Features

- ✓ Solar Energy
- ✓ IP65 Waterproof
- ✓ Separate Panel
- ✓ Timing Control
- ✓ Lasting 2-3 Rainy Days

Benefits

- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

Working Mode

Timing Control (Automatic Power Reduction Mode)

1hour: 100% brightness
 2-3hour: 80% brightness
 4-5hour: 60% brightness
 6-7hour: 40% brightness
 then 25% until dawn

Application



Certificate



specifications

Item Number	Model Power	Maximum Power	Efficiency (lm/W)	Battery Capacity	Solar Panel Size mm	CRI	Color Temperature	Life Time (hrs)
LPSTL-100B01-SS	100W	25W	1000LM	3.2V 20Ah	350*530*17	>83	WW/CW/NW	30000
LPSTL-200B01-SS	200W	30W	1400LM	3.2V 30Ah	350*600*17	>83	WW/CW/NW	30000

Technical specifications

Item Number	LPSTL-100B01-SS	LPSTL-200B01-SS
IP	65	65
Class	III	III
LED Beads	2835 3V 150MA 0.5W	2835 3V 150MA 0.5W
Housing Color	Black	Black
Maximum Power (P max)	25W	30W
Voltage at Max(Vmp)	6V	6V
AC/DC	DC	C
Current max (Imp)	4.2A	5A
The lithium battery	3.2V 20Ah	3.2V 30Ah
Model	Timing Control	Timing Control
Rainy Days	Lasting 2-3 Rainy Days	Lasting 2-3 Rainy Days
Continuous Discharge Time	>24H	>24H
Installation Height	4-5M	5-6M
Installation Spacing	15-20M	20-25M

Lights Material

Housing Material	Die-casting Aluminum
Solar panel materials	polysilicon

Temperature

Operating Temperature	-45°C ~ 50 °C
Testing Temperature	-45°C ~ 95 °C

Packing Data

Item No	Accessory name	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPSTL-100B01-SS	Lamp Body	2	4.8	4.5	54	7.5	37
LPSTL-100B01-SS	Solar Panel	2	21.3	20.2	59	28.5	35
LPSTL-200B01-SS	Lamp Body	2	5.9	5.6	61	6	37
LPSTL-100B01-SS	Solar panel	2	21.3	20.2	59	28.5	35

Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPSTL-100B01-SS	100W	580	275	135
LPSTL-200B01-SS	200W	580	275	135

Note:

Built-in control chip, no need for remote control operation
Connect the light body and solar panel wire, and the light will turn on
Disconnect the light body and solar panel wire, and the light will turn off

