

CTE-Solar Home Lighting System

Small product with high technology

- ✓ 6000 times charge/discharge design life of new LFP battery system
- ✓ 100000 hours life LED energy-saving bulb low power and highlight lager area
- ✓ Advanced MPPT technology maximizes PV efficiency
- ✓ 10 kinds of charging ports to adapt to different electrical appliances
- ✓ Ceiling light,Pendant light, wall light, table light, floor light, etc., a variety of lighting applications

Configuration 1:

Solar Box-5*1/Solar LED-1*3/Solar PV-10*1

- ✓ PV fully charged in 3 hours
- ✓ 1 LED bulb lights up for 25 hours
- ✓ 2 LED bulbs all lights up for 12.5 hours
- ✓ 3 LED bulbs all lights up for 8 hours
- ✓ Fully charge 3 iPhone

Configuration 2:

Solar Box-10*1/Solar LED-1*3/Solar PV-10*1

- ✓ PV fully charged in 6 hours
- ✓ 1 LED bulb lights up for 50 hours
- ✓ 2 LED bulbs all lights up for 25 hours
- ✓ 3 LED bulbs all lights up for 16 hours
- ✓ Fully charge 6 iPhone

CTE-Solar Home Lighting System

Battery Model	Solar Box-5	Solar Box-10
Nominal Capacity	5000mAh	10000mAh
Size (W*D*H)	120*120*35mm	
Battery Type	LiFePO4	
Nominal Voltage	6.4V	
Humidity	5~95% RH	
Battery Protection	Over-Current/ Over-Voltage/ Short Circuit/ Under-Voltage/ Over-Temperature	
Charging Temperature Range	0~+60°C	
Discharging Temperature Range	-20~+55°C	
IP Level	IP54	
Installation Method	Wall Mounting/Move	
Safety Certificate	UN348C	
PV Panel Model	Solar PV-10	
Pmax	10W	
Vmp	18V	
Lmp	0.6A	
Voc	25V	
Lsc	0.5A	
Test Condition	@1000W/m ² /AM1.5/25°C	
LED Light Model	Solar LED-1	
Power	1W	
Voltage	6.4V	
Color Temperature	3000k	
Lumen	110 lm	
Screw Base	E27	

Remark:

If in the case of DIY, the PV module voltage should be not lower than 7.5V and not higher than 28V

√ PV panel line length 5m


√ Light bulb line is 5m long and each bulb has a separate switch

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