

Solar light kit user manual

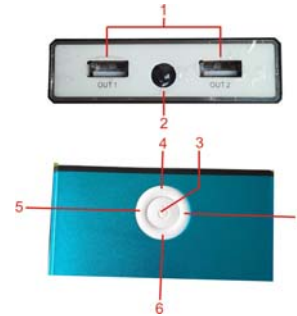
【Product description】

Lithium battery solar charger through a set device of using new energy technology to transfer solar energy into electrical energy which can solve lighting and digital products charge and basic demand for electricity. This product uses the latest large capacity lithium battery, has a long service life. This product is compact and portable, easy to carry, no need to install, just need to plug and then using. A new generation of intelligent solar charging and discharging controller, using microprocessor and dedicated control algorithm to achieve intelligent control, using industrial grade product reliability design and has strong stability and high service life. LED visual display controller and the storage battery capacity, with electronic protection function of automatic overcharge, over discharge, overload, short circuit etc. effectively extended the service life of the battery. External LED light bulb lighting and digital products for DC12V/USB5V charging; solar panels placed in the sun to open the SWITCH MAIN switch to achieve the built-in battery charging.

【Technical parameters】

Model	NFYG3-2W-3	NFYG3-2W-3(A)
Component	15V/7W	
Controller	12V/3A	
Battery	3200mAh	
Adapter	N/A	15V1A
DC output	DC12V、USB5V	
Machine Size	143*75*22	
Package size	255*75*75	
Working temperature	0°C—+45°C	
Humidity	0%—70%	

【User instructions】



1--USB 5V output interface (Mobile phone and other digital products charging interface)

2--DC12V output port / charge input port (can connect DC12V load and 12V light bulb output / access 15V20W solar panel)

3--Power display button (Touch the white button, can display the current electricity)

4--Power display (It will display the battery power by >25%)

5--Power display (It will display the battery power by >50%)

6--Power display (It will display the battery power by >75%)

7--Power display (It will display the battery power by >100%)
Using solar energy charging the system, first please place the solar panel well outside the house. Adjust the direction of the sun exposure area (Northern Hemisphere, facing south; Southern Hemisphere, facing north) and inclined angle (This adjustment is in accordance with the local latitude and longitude); And then make the solar panel interface access to the solar panel input interface, with the sun light irradiation, the solar panels began to charge the built-in battery, lightly press the switch, you can view the current state of power.

Note: the system should be fully charged at the first time. At least three months the system should be charged for one time to extend the service life of the battery. During using it, lightly press the power switch and the power indicator lights at least should be long light by 1 pc, that means at least >25% power indicator light long time lighting, that prove the system DC power output is normal, Otherwise if the power output voltage is less than 25%, DC12V/USB5V output termination. The indicator light does not show, that means it needs to charge the system in

time. Do not let solar panel and battery connected overnight. At night time the solar energy transfer is stopped and therefore it influence the reaction where solar panel loading off already stored energy from the battery when those stayed connected.

【Common fault handling and responsibility statement】

1. When access to the solar panels cannot charge the system, please check the solar panel input line whether is open, and confirm whether the sun whether is adequate.

2. If the system has no output, please check whether the battery power indicator is light or not, if it is not, should be promptly to charge the system, after finish charging then can normally use it.

3. Prohibit to disassemble the machine or change the system parts by yourself. Our company will not be responsible for the damage caused by man-made.

【Maintenance】

1. Keep the solar panel has a clean surface, to ensure comprehensive sun light exposure to solar panels receiving surface

2. The machine needs to avoid the rain, should be placed in a dry environment

【System accessories】

1. Solar Panel 15V7W	1 pc
2. Adapter	1 pc
3. One turn three USB line	1 set
4. 12V 3W LED bulb + lamp switch +3m DC line	1 set
5. System User Manual	1pc

【Contact Information】

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