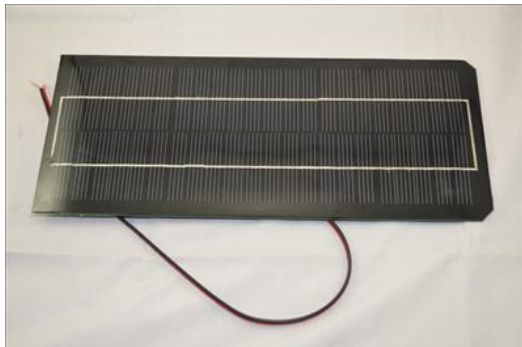


No fragile, small size, portable, high conversion efficiency, waterproof



The material around the PCB named EVA, which can be easily sticthed or quilted with clothes etc.

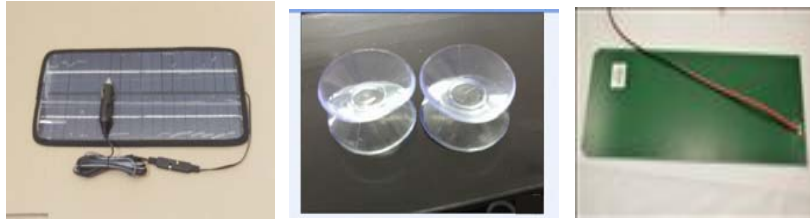
Function:

1. charging car battery and any 12v battery
2. connect with 12V DC small fan/LED light
3. PDA, translator, any other products can fit the plug of 12v charger
4. Dry the Application boat motorcycle car 12v battery charger

Component

- 1: Cigarette lighter Female
- 2: 5V 1000MA USB charger
- 3: 10 in 1 Universal USB Charger Cable Cellphone iPhone iPod Game USB HTC Charger
- 4: 2psc 35MM Transparent Sucker
- 5: 2pcs power cable





Details

open-circuit voltage: 18-20V under standard sun light (10000LUX)

load voltage: 12V, Max Currents: 500mA

Current: 70mA

Size: 371mm x 186mm, Weight: 252g

Constructed using resin & pcb making them very tough and waterproof, ideal for outdoor use.

This product is designed to supply power for outdoor 12V applications. You will enjoy convenient electricity wherever you go.

This unit is ideal for maintaining 12V auto and marine batteries. The perfect solution for charging batteries of motorcycles, personal water crafts, ATVs, snowmobiles, tractors and more

- Weatherproof and maintenance free
- Built-in overcharge/discharge protection
- Easy to install and works in all daylight conditions

Application


- SMALL HOME PROJECTS .
- SCIENCE PROJECTS .
- ELECTRONIC APPLICATIONS .
- CHARGING SMALL DC BATTERIES .
- BUILD YOUR OWN SELF POWERED MODELS / TOYS / SOLAR DISPLAYS

How to choose solar panel ?

This table show the solar system configuration relationship between storage batteries and solar panels.











DC Storage Battery	Solar Panel
1.2V	2V ~ 2.5V
2.4V	3.5V ~ 4V
3.6V	5V ~ 6V
6V	7.5V ~ 9V
12V	15V ~ 18V

PCB Solar Panel Show Room

	<p>Max work voltage: 1V Max work current: 500mA power: 0.5W Size: 60mm*60mm*2.6mm Life: 10-20 years</p>
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	<p>Max work voltage: 1.5V Max work current: 160mA power: 0.24W Size: 45mm*45mm*3.2m Life: 10-20 years</p>
	<p>Max work voltage: 2V Max work current: 40mA power: 0.08W Size: 60mm*26mm*2.5mm Life: 10-20 years</p>
	<p>Max work voltage: 5.5V Max work current: 320mA power: 1.76W Size: 150mm*85mm*2.8mm Life: 10-20 years</p>
	<p>Max work voltage: 6V Max work current: 100mA power: 0.6W Size: 81mm*61mm*2mm Life: 10-20 years</p>

	<p>Max work voltage: 6V Max work current: 110mA power: 0.66W Size: 134mm×42mm×2.6mm Life: 10-20 years</p>		<p>Max work voltage: 6V Max work current: 130mA power: 0.78W Size: 110mm×56mm×3.2mm Life: 10-20 years</p>
	<p>Max work voltage: 9V Max work current: 185mA power: 1.665W Size: 150mm×85mm×2.8mm Life: 10-20 years</p>		<p>Max work voltage: 5.5V Max work current: 170mA power: 0.935W Size: 104mm×69mm×3.2mm Life: 10-20 years</p>
	<p>Max work voltage: 7.5V Max work current: 220mA power: 1.65W Size: 150mm×85mm×2.8mm Life: 10-20 years</p>		<p>Max work voltage: 5.5V Max work current: 120mA power: 0.6W Size: 69mm×69mm×3.2mm Life: 10-20 years</p>
	<p>Max work voltage: 6V Max work current: 240mA power: 1.44W Size: 120.5mm×120.5mm×3.2mm Life: 10-20 years</p>		<p>Max work voltage: 5.5V Max work current: 70mA power: 0.385W Size: 66.9mm×39mm×2.6mm Life: 10-20 years</p>

	<p>Max work voltage: 2V Max work current: 410mA power: 0.82W Size: 82mm×70mm×3.2mm Life: 10-20 years</p>		<p>Max work voltage: 5V Max work current: 150mA power: 0.8W Size: 110mm×56mm×2.6mm Life: 10-20 years</p>
	<p>Max work voltage: 2V Max work current: 410mA power: 0.82W Size: 82mm×70mm×3.2mm Life: 10-20 years</p>		<p>Max work voltage: 5V Max work current: 150mA power: 0.75W Size: 110mm×56mm×2.6mm Life: 10-20 years</p>
	<p>Max work voltage: 4V Max work current: 50mA power: 0.2W Size: 100mm×28mm×2.6mm Life: 10-20 years</p>		<p>Max work voltage: 5V Max work current: 60mA power: 0.3W Size: 54mm×42mm×2.6mm Life: 10-20 years</p>
	<p>Max work voltage: 4V Max work current: 60mA power: 0.24W Size: 57.5mm×53.5mm×2.6mm Life: 10-20 years</p>		<p>Max work voltage: 5V Max work current: 55mA power: 0.275W Size: 60.2mm×33.5mm×2.6mm Life: 10-20 years</p>
	<p>Max work voltage: 5.5V Max work current: 50mA power: 0.275W Size: 108.4mm×33.8mm×2.6mm Life: 10-20 years</p>		<p>Max work voltage: 4V Max work current: 150mA power: 0.6W Size: 81mm×61mm×2mm Life: 10-20 years</p>