Subtotal £62.99
Your order qualifies for FREE Delivery in the UK. Delivery Details
Select this option at checkout.
Go to basket

POWOXI Solar Panel, 12V 10W Magnetic Solar Battery Charger Maintainer, Built-in Intelligent Charge Controller, Waterproof Solar Trickle Charger Alligator Clip for Car RV Motorcycle Marine, etc. 622 £34.99 prime

Sponsored

‹ Back to results

Click to open expanded view

3 VIDEOS

About this item

- 【Latest Design In 2020】: 20-watt high-efficiency single- crystal silicon solar charger, can generate electricity in any weather. It's easy to carry and install with simple and generous appearance,.Supporting on the ground can receive better sunlight with mounting bracket. It converts sunlight into electricity and maintain your 12-volt battery perennially .
- 【Intelligent Charging and Maintenance】:External intelligent 3-stage PWM charging controller adopts fast charging, upgrade charging and floating charging. It generates at least 10%-20% more power than traditional controller. It is equipped with an industrial STM 8 microprocessor, which can intelligently control charging, prolong battery life, and charge and maintain batteries better in all seasons.
- 【All-Round Protection】:The solar charger has many protective functions, such as preventing battery from overcharging, overvoltage protection, short circuit protection and polarity reversal protection. The charging controller stops all work at night, doesn't consume electricity, and starts work automatically in the daytime. Safe maintenance of batteries in all seasons to prolong service life.
- 【LED Indicator】: LED Indicator helps to observe the working state intuitively and understand the battery condition better. A yellow indicator indicates that the battery is in charge, and a yellow indicator and a green indicator are on at the same time to indicate that the battery is full charged.
- 【After-Sales Guarantee + Low Maintenance】:12-month warranty & life-long technical support.Solar panels are made of light and strong ABS plastic frame. They are lightweight and portable. The surface is made of toughened glass, with high transmittance, durability, waterproof and sunscreen, maintenance-free.

Customer ratings by feature

Easy to use	4.7
Lightweight	4.6
Easy to install	4.5
Versatility	4.4

See all reviews

Report incorrect product information.

Ring RSC808, 8Amp Battery Charger and Maintainer. 12V & 24V Smart Charger, Compatible with Stop Start Cars,...
2,211
£35.99 prime

Sponsored

See more

Add gift options

Add to List

Buy it on Amazon Business
Save up to 14% on this product with business-only pricing.
Create a free account

Have one to sell?
Sell on Amazon

Ring RSC804, 4Amp Battery Charger and Maintainer. 6V & 12V Smart...
2,211
£23.99

Sponsored

Frequently bought together

This item: POWOXI-Upgraded-20W-Solar-Battery-Charger-Maintainer, External Smart 3-...
£62.99

+

KUNCAN 25FT Sae to Sae 2 Pin Extension Cable DC Power 16awg Heavy Duty Battery Quick...
£10.15

+

KUNCAN SAE Cigarette Lighter Charger Cable,16AWG 12V Cigarette Lighter Male Plug to S...
£8.99

Total price: £82.13

Add all three to Basket

These items are dispatched from and sold by different sellers.
Show details

Products related to this item

Page 1 of 41

Sponsored

POWOXI 3.3W-Solar-Battery-Trickle-Charger-Maintainer -12V Portable Waterproof...
3,771
£32.99 prime

Solar Car Battery Trickle Charger, 12V 1.8W Solar Battery Charger Car, Waterproof P...
1,479
Amazon's Choice in Car Battery Charging Units
£27.99 prime

ECO-WORTHY 10W 12V Solar Trickle Charger Car Battery Maintainer, Portable Solar Pan...
3,757
£29.99 prime

HISUNAGE 15W Waterproof Solar Battery Maintainer Trickle Chargers Kits, 12 Volt...
27
£40.99 prime

HISUNAGE 30W 12V Solar Panel Kit with Trickle Charger, Maintainer, and...
53
£56.99 prime

HISUNAGE 10W Monocrystalline 12V Solar Panel High Efficiency Module PV...
29
Amazon's Choice in Monocrystalline Solar Panels
£28.99 prime

4 stars and above

Page 1 of 13

Sponsored

Solar Car Battery Trickle Charger, 12V 1.8W Solar Battery Charger Car, Waterproof P...
1,479
Amazon's Choice in Car Battery Charging Units
£27.99 prime

POWOXI 3.3W-Solar-Battery-Trickle-Charger-Maintainer -12V Portable Waterproof...
3,771
£32.99 prime

HISUNAGE 15W Waterproof Solar Battery Maintainer Trickle Chargers Kits, 12 Volt...
27
£40.99 prime

VACANON 10Amp Car Battery Charger, 12V/24V Smart Automatic Car Battery...
12
£24.99 prime

2-in-1 Smart Car Battery Charger and Battery Tester, TOPDON TB6000Pro 6A 6V/12V...
424
£89.99 prime

Portable Jump Starter, FLYLINKTECH 6000A Peak 26800mAh Car Battery Booster Jump...
67
Amazon's Choice in Car Battery Jump Starters
£139.99 prime

Product information

Technical Details

Product Dimensions	41.4 x 39.12 x 2.03 cm; 1.81 Kilograms
Part number	Solar Panel 20W
Item display weight	1.81 Kilograms
Material type	Plastic
Power source type	Solar Powered
Manufacturer	POWOXI
Item model number	Solar Panel 20W
ASIN	B07TY3HGF7

Additional Information

Date First Available	13 July 2019
Customer Reviews	4.3 564 ratings 4.3 out of 5 stars
Best Sellers Rank	3,413 in Automotive (See Top 100 in Automotive) 45 in Car Battery Charging Units

Warranty & Support

Amazon.com Return Policy: Regardless of your statutory right of withdrawal, you enjoy a 30-day right of return for many products. For exceptions and conditions, see Return details.

Feedback

Would you like to **tell us about a lower price?**

Products related to this item

Page 1 of 24

Sponsored

POWOXI 3.3W-Solar-Battery-Trickle-Charger-Maintainer -12V Portable Waterproof...
3,771
£32.99 prime

Solar Car Battery Trickle Charger, 12V 1.8W Solar Battery Charger Car, Waterproof P...
1,479
Amazon's Choice in Car Battery Charging Units
£27.99 prime

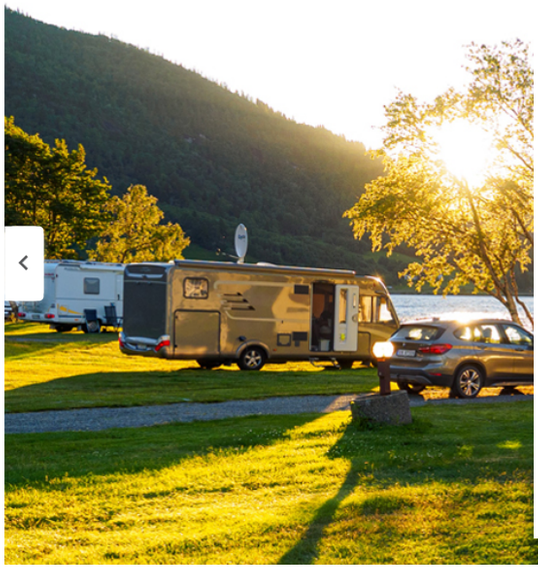
ECO-WORTHY 10W 12V Solar Trickle Charger Car Battery Maintainer, Portable Solar Pan...
3,757
£29.99 prime

HISUNAGE Solar Panel 20W 12V with Solar Battery Trickle Charger Maintainer, Upgrade...
45
£45.98 prime

Solar Generator 537.6Wh with Panels, BigBlue Cellpowa600 Power Station and...
5
£549.00

Solar Charge Controller 10A 12V/24V PWM Auto Paremeter Adjustable LCD Display with ...
363
£9.99 prime

From the brand



About Us

Hi, this is the POWOXI team. We love sunshine, love clean energy, love living in nature. We make and sell safe solar-powered chargers and maintainers for batteries of vehicles and boats.

We started from a small dream for providing families a good life! We believe we only live once, but if we do it right, once is enough.

Solar Battery Charger

Visit the store

Product Description

(It is not a Quick charger, it can't quickly fill an empty battery.)

A 12-volt battery will leak naturally if it is not used for a long time.

A 12 VOLT SOLAR maintainer and charger are needed to maintain the battery voltage.

Our Solar Powered 12V Battery Charger is your best choice. Plastic case and uses SAE connectors and heavy guage wiring to deliver up to 20 watts of electric power to the battery of that rarely used vehicle to keep the battery at peak perfomance.

solar trickle charger

Engineered for Battery Maintenance

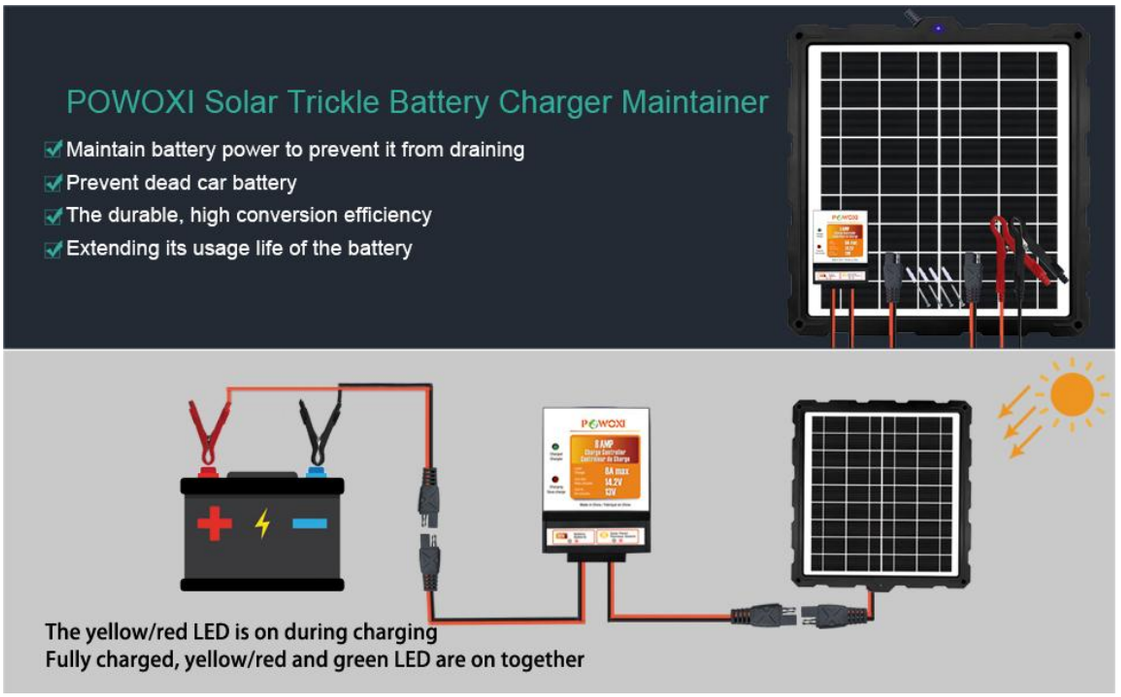
The solar battery charger is essential if your vehicles only occasionally used. It prevent battery from being dead when y want to use it.

It's designed to fully charge a battery and maintain it at a proper storage voltage with free energy source the sunlight.

Solar battery chargers are essential if your vehicle is used only occasionally. When you want to use it, it can prevent the battery from crashing.

It is designed to fully charge batteries and maintain them at an appropriate storage voltage, providing free energy for sunlight.

solar 12v battery charger



One-way Quick Connector

The connector is one way to connect and disconnect, no need to recognize positive or negative, simple and easy to use.

The unit is maintenance free and will protect the battery against the discharge process that occurs naturally within a lead acid battery.

Note: In some manufactures of vehicles, the cigarette lighter may not operate when the ignition is turned off. If so, you can connect directly to the battery using alligator battery clamps and cables.

solar battery maintainer

Outdoor Rated
Completely waterproof, very suitable for outdoor use.

Installation Location
It needs to be installed outdoors, in direct sunlight, preferably facing the south. The stronger the sun, the better the charging effect

High Power Generation Efficiency
Converting light energy into electricity, up to 22.5% conversion

Back Current Protection
Prevent the battery from back current drain at night so that ensuring the battery stays fully charged

Blue light on:

1.The solar charger receives sufficient sunlight

2. After the battery is connected

The sun is good, but the blue indicator light is off: The polarity of the cable is reversed and short-circuited. You need to check the cable polarity or use an SAE polarity conversion adapter.

Customers who bought this item also bought

KUNCAN 25FT Sae to Sae 2 Pin Extension Cable DC Power 16awg Heavy Duty Battery Quick…
1,765
£10.15
Get it as soon as **Wednesday, Oct 18**
FREE Delivery on orders dispatched by Amazon over £25

POWOXI Solar Panels Charge Controller, 8A Battery Regulator for 12V Solar Battery Charger, Solar Battery…
1,219
£9.49
Get it as soon as **Wednesday, Oct 18**
FREE Delivery on orders dispatched by Amazon over £25

KUNCAN SAE Cigarette Lighter Charger Cable,16AWG 12V Cigarette Lighter Male Plug to SAE 2 Pin Quic…
124
£8.99
Get it as soon as **Wednesday, Oct 18**
FREE Delivery on orders dispatched by Amazon over £25

Surriba Electrical Connectors Set 200pcs, Spade Ring Bullet Butt Crimps Terminals Connectors for Wire…
17
£6.99 (£0.03/个)
Get it as soon as **Wednesday, Oct 18**
FREE Delivery on orders dispatched by Amazon over £25

HUAREW KN3(D)-101 Metal Toggle Switch On/Off 12V 25A 2 Position 2 Pin Waterproof with Rubb…
80
£6.99
Get it as soon as **Wednesday, Oct 18**
FREE Delivery on orders dispatched by Amazon over £25

Grunt Boat Cleaner 500ml (1/2L) takes the GRUNT out of cleaning your boat
52
£18.49
Get it **20 – 24 Oct**
FREE Delivery

Ring RSC808, 8Amp Battery Charger and Maintainer. 12V & 24V Smart Charger, Compatible with Stop...

4.4 2,211

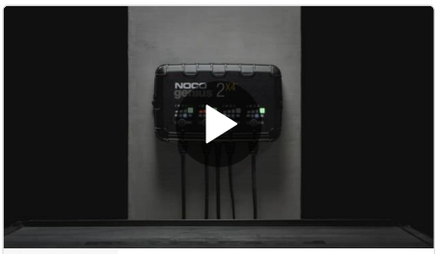
£35.99 prime

Sponsored

Similar brands on Amazon

Sponsored

NOCO
Shop the store on Amazon ›

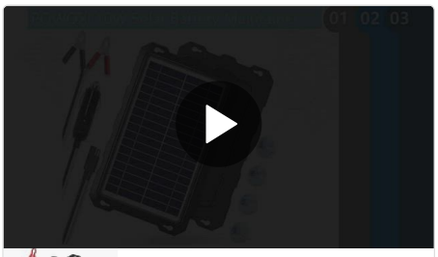


NOCO GENIUS2X4, 4-Bank, 8A (2A/Bank) Car Battery Charger, 6V and 12V Smart...
4.4 1,227
£214.95

DOKIO
Shop the store on Amazon ›

DOKIO 100W 12V Foldable Solar Panel Kit Monocrystalline with Solar Controller U...
4.4 1,187
£119.77

POWOXI
Shop the store on Amazon ›



POWOXI Solar Battery Charger 12 Volt 10W Solar Panel Kit for Car, Boat, RV,...
4.4 261
£40.99

Looking for specific info?

Customer reviews

4.3 out of 5

564 global ratings

5 star	63%
4 star	19%
3 star	6%
2 star	5%
1 star	7%

How customer reviews and ratings work

POWOXI Solar Panel, 12V 10W Magnetic Solar Battery Charger Maintainer, Built-in...

4.3 622

£34.99 prime

Sponsored

Reviews with images

See all photos ›

Top reviews

Top reviews from United Kingdom

AmazonToday

Great for Campervan battery trickle charge

Reviewed in the United Kingdom on 12 July 2023

Colour Name: BLACK | Verified Purchase

like others I was getting 2nd Battery Low alarm on my VW Campervan. Previously I have charged the battery using a mains charger. However once I am away camping for any length of time I get the dreaded warning.
I decided to give this a go. It comes with a controller and various means of connecting to battery. I already had a lead with a plug attached to the battery so I could have connected to this. It turns out that the Cigarette lighter in the front of my van is always on. I therefore decided to use this.

No problems at all as soon as I plugged it it in it was indicating charging. After a few hours it indicated charged

So whilst at home I will leave this permanently connected. Likewise when on site I will do the same.

I wish that a carry case was available so I could store it whilst on the move. It's an awkward size, pity it

Read more

2 people found this helpful

Helpful | Report

Bob the builder

Works well in the summer in Scotland

Reviewed in the United Kingdom on 18 March 2023

Colour Name: BLACK | Verified Purchase

It works very well in the summer in Scotland, but in the winter the battery went flat. This was with the panel inside a caravan roof light, which will affect the performance of the panel.

Helpful | Report

George M.

★★★★☆ **Value for money**

Reviewed in the United Kingdom on 11 February 2023

Colour Name: BLACK | Verified Purchase

It's an ok product

Helpful | Report

Dave

★★☆☆☆ **Easy setup**

Reviewed in the United Kingdom on 19 July 2023

Colour Name: BLACK | Verified Purchase

Can't fault how easy it is to connect up and install. I put a fully charged battery into my caravan and the green indicator showed up as being fully charged, used motor mover for 2 minutes and it then showed it was starting to recharge battery after some usage which was fine. Four days later it still hasn't recharged battery so a waste of time getting it I think

Helpful | Report

ctgenius

★★☆☆☆ **The adapter usb not is working**

Reviewed in the United Kingdom on 12 August 2023

Colour Name: BLACK | Verified Purchase

The panel is ok, the controller is ok, but the USB adapter not is working. And not have a bag for transport.

One person found this helpful

Helpful | Report

BWP

★★★★★ **Excellent trickle charger**

Reviewed in the United Kingdom on 6 February 2021

Colour Name: BLACK | Verified Purchase

I bought this in Oct '20. A prized & not often used car developed a "parasitic drain" from an unknown component meaning the battery was flattened in about 5 days. It's a potentially a difficult & very expensive repair so this was bought to trickle charge & maintain it as it's not practice for us to run a charger from the mains. This panel therefore spends 90% of it's life outside on my windscreen. The longest time so far is now 3 weeks & the battery was perfect. We've permanently mounted the control box safely under the bonnet in a clean dry area.
A word of caution - we did have a period when it couldn't keep up but we found that was due to us foolishly fitting a much larger battery which was almost too big physically for the car & also, we realised, too big for the charger. We reverted back to the original size battery & all was well. So take care to make sure this 20w trickle charger is big enough for your battery.
We're very happy with this, it feels & looks well made & the panel has proven heavy enough to remain on the windscreen under very windy conditions. Bear in mind only the panel is waterproof & not the control box!
Highly recommended.

3 people found this helpful

Helpful | Report

Mark

★★★★☆ **Low drain**

Reviewed in the United Kingdom on 22 January 2021

Colour Name: BLACK | Verified Purchase

Promising so far. A previous controller drew nearly 20mA from the battery all night and barely passed any charging current (8-10mA) during our grey UK daylight hours. By my calculations, assuming 16hr of darkness in the UK winter, and some monitoring during the day, my battery was losing at least 1/3 Ah per day through the solar controller. This is in addition to the normal drain through the alarm system, clock, self-discharge, etc.

This one is better. It still seems to draw 7-10mA in half light, but it did get my battery up to 12.6V during the day (250mA behind a slightly tinted windscreen). In darkness, the discharge draw isn't quite zero, but at 0.12mA it's as good as. I'll update this after a few weeks of lockdown, but I suspect a smart charger will still be a good idea after a month or two.

9 people found this helpful

Helpful | Report

MATT

★★★★★ **very happy**

Reviewed in the United Kingdom on 15 May 2023

Colour Name: BLACK | Verified Purchase

very happy
easy to use
fast charge for my boat

Helpful | Report

See more reviews ›

Ring RSC804, 4Amp Battery Charger and Maintainer. 6V & 12V Smart Charger....

2,211

£23.99

Sponsored

© 1996-2022, Amazon.com, Inc. or its affiliates