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GENKI
Portable PWR

Solar Panel Connection

How to recharge the GK-500, GK-1000 using solar panels?

If you need to know more about the connection of solar panel, please refer to the Solar Panel User Guide here

The GK-500 and GK-1000 can support 12-30V DC input, When input exceeds 30V, The over-voltage protection will be triggered.

Over voltage may damage the product. User should follow these instructions, GENKI do not provide free repair services for any product Damage caused by connecting many solar panels to the product or incorrect Connection, even during the warranty period.
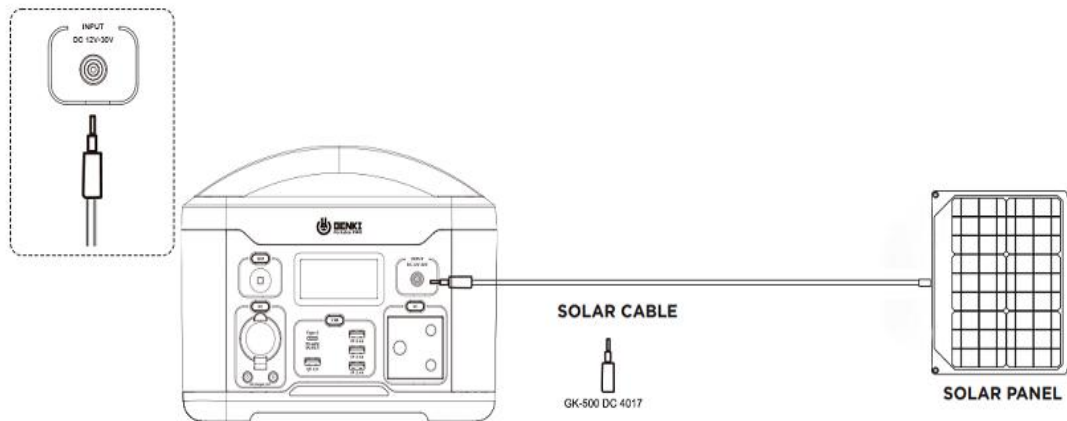
Recommend charging Method

Users can buy universal solar panels of DC 4017 Connection standard on their own to GK-500 product, and DC 6330 Connection standard to GK-1000 product as long as the voltage and current (12-30V DC ,10A Max) comply with the specification of GK-500 and GK-1000.

The panels will be able to recharge GK series through DC 4017 (for GK-500）Max charging power 100W, DC 6330 （for GK-1000）Max charging power 200W to solar cables for solar panel connection.

GENKI do not provide free repair services for any damage to the product caused by quality issue or improper operation of the third- party solar panels, even in the warranty period.
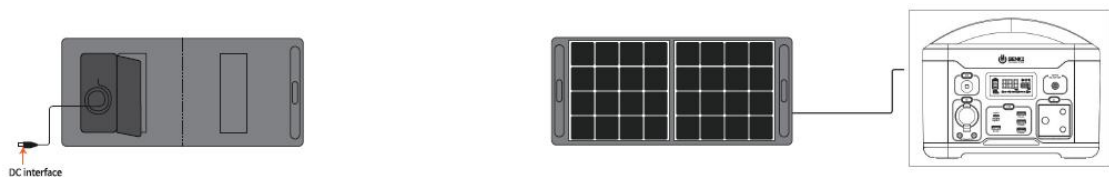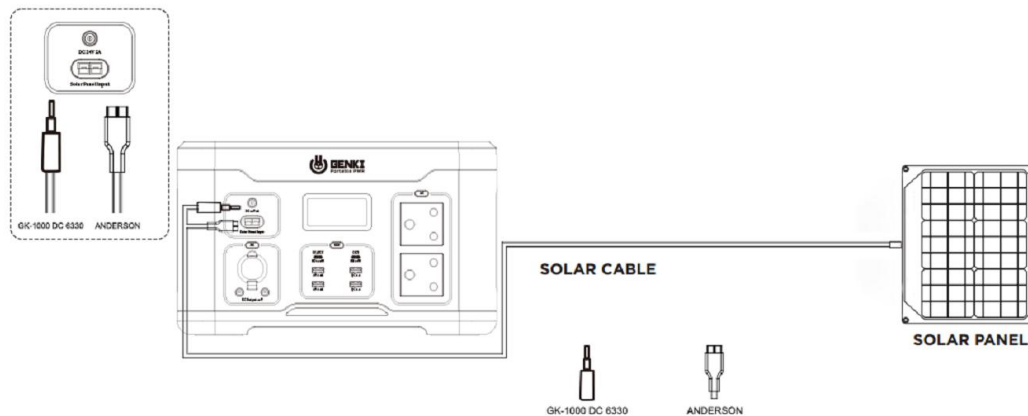
Gk-500 solar charge

INPUT
DC 12V-30V

SOLAR CABLE

GK-500 DC 4017

SOLAR PANEL

Use one 100W solar panels to charge GK-500 in about 6-8 hours (only charged by solar panel)

Solar recharging steps:
A: Find the right DC interface (DC4017) connect to 100W solar panel
B: Connect the DC interface of 100W with the DC input of GK-500

DC interface

GK-1000 Solar charger

Single panel for GK-1000

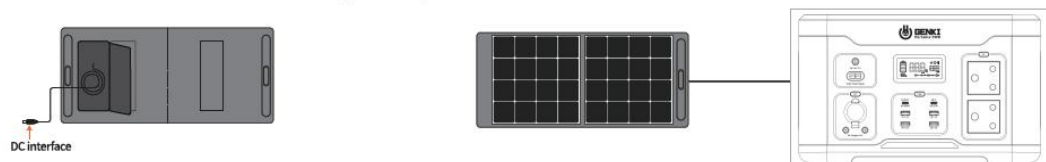Single 100W or 120W can quickly charge the GK-1000 within 10-12 hours

Single 200W can quickly charge the GK-1000 within 6-7 hours.

Note: Above all is for charging GENKI only by solar panel

Solar recharging steps:

A: Find the right DC interface (DC6330) or Anderson interface connect to 100W, 120W etc Max 200W solar panel

B: Connect the DC interface or anderson interface of panel with the DC input of GK-1000

Double 100W for GK-1000

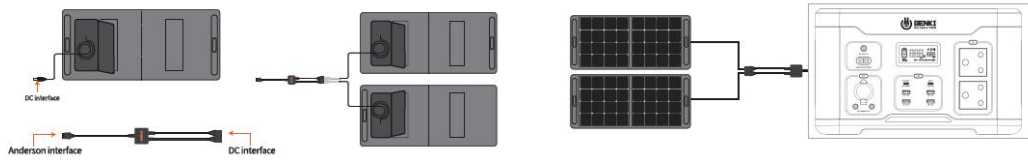2 pcs 100W solar panels can quickly charge the GK-1000 about 7-8 hours

Note: Above all is for charging GENKI only by solar panel,no matter you connect to DC interface 6330 or anderson interface. The both DC input power size totally can not beyond 200W.

Solar recharging steps:

A: Find the DC interface on the back of solar panel 100W;

B: Connect the DC interfaces of 2 * 100W with the Y Parallel cables;

C: Connect the Y Parallel cable with DC input of GK-1000.

If any Problem with Solar Charging, How to check?

Using 3rd-party brand solar panel to charge GENKI:

-Please Kindly check if all connections are OK.

-Please use the provided AC charger to charge to see if it is OK

-Please use a soft cloth to remove the dust and dirt on the surface.

-Please test under midday strong sunlight. Connect the solar panel, make sure there is no shadow cast on the panel. You can unplug and plug for several times to see.

-If GENKI can be recharged by AC charger well, it shows that there is nothing wrong with the GENKI and please check if there is a problem with solar panels.

GENKI - Your portable power station