



18 Watt Folding with 8 Amp Charge Controllers Instruction Manual



18 Watt Folding Solar Panel - 55020

Important! Please read instructions before operating.

Packing Contents:

- 1- Solar Panel
- 1- Battery Clamps
- 10 Laptop Adapters
- Quick Connect Adapter
- 8 Amp Charge Controller



Product Description:

Solar captures the sun's energy to create power. This product is designed to charge standard 12 Volt automotive batteries and also will charge laptop batteries.

Warnings:

- Observe manufacturer's safety procedures when working around batteries and other electrical equipment
- Product is designed to be used on 12 volt configurations in parallel ONLY
Positive (+) to Positive (+), Negative (-) to Negative (-)
- Product will not charge, non-rechargeable batteries
- Product should be placed in a well ventilated area, free from flammable gases
- Make sure panel secured in place or stored while vehicle is in motion to prevent physical damage or harm to personal property
- Solar Panel is water resistant, yet the quick connect wiring and J-Plugs must be kept dry.

To Install:

Battery Clamp Connector:

Using the included battery clamps connect J-Plugs to panel J-Plug

Connect the Red – Positive (+) clamp to the Positive (+) battery terminal
Connect the Black – Negative (-) clamp to the Negative (-) battery terminal
Confirm that both connections are tight and secure.
WARNING: Ensure that the positive matches the positive and the negative matches the negative. (Connections are in Parallel) Wrong connections may cause sparks or void the warranty.

Testing the Voltage:

You may use a voltage meter or a digital multi-meter to measure the voltage of your solar panel before connecting to the battery. Voltage can range between 15-22 volts. Testing will ensure correct charging operation. (Testing equipment not included)

Using Laptop Adapters

1. Select the laptop adapter plug that attaches to your computer. The 10 plugs will charge standard laptops and notebooks only.
2. Attach the Quick Connect Adapter to the end of the solar panel wiring
3. Join the Quick Connect Adapter plug to the Laptop Adapter
4. Then connect the Laptop adapter to the Laptop to start charging.

Mounting

Folding Solar panels can be permanently or temporarily installed. Use the O-Rings on the panel to hold down for installation. No installation equipment is included.

Limited Warranty:

Proof of Purchase is required (Receipt)

1 Year: Free from defects in material and workmanship

5 Year: Warranted to generate up to 80% of rated power

For more information:

NATURE POWER PRODUCTS
1-800-588-0590

info@naturepowerproducts.com
www.naturepowerproducts.com