



SPECIFICATIONS

Solar Panel

Solar Panel: Crystalline

Maximun Power : 200 Watt

Voltage at Pmax(Vmp): 20.31 V

Current at Pmax(Imp): 9.85A

Open circuit voltage(Voc): 24.35 V

Short sircuit Current(Isc): 10.33 A

Operating Temperature: -40°C to + 85°C

Maximum System Voltage: 1000VDC

Protection Class: Class A

Material: Aluminum, Glass constroction & Steel

Features

- **Aluminum Frame, Rugged Design**
- **High Efficiency Solar Cells Up to 9.85 Amp, Continuously recharge your 12V batteries with the power of the sun.**
- **Includes, charge controller, battery connecting cable and mounting Z-brackets**
- **Connect additional panels for a faster charge**
- **Requires a charge controller to protect batteries from overcharging**



SHIPPING DETAILS

Item Number: 50200

UPC Code: 839290005842

Country of Origin: Vietnam

Panel Dims LxWxH: 26.3 x 1.4 x 57.8 in

Package Dims LxWxH: 27.6 x 2.36 x 59 in

Product Weight: 29.6 lbs with packge

24.6 lbs without packge

Master Quantity: 1

Master Dimensions: 27.6 x 2.36 x 59 in

Master Weight: 29.6 lbs



1-800-588-0590

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Features / Charge Controller

Prevent Battery Being Over Charge/discharge.

- **Build-in Industrial Micro Controller**
- **Lcd Display. All Adjustable Parameter**
- **Fully 4-stage Pwm Charge Management**
- **Build-in Short-circuit Protection, open-circuit Protection, Reverse Protection. over-load Protection**
- **Dual Mosfet Reverse Current Protection, Low Heat Production**
- **1 year Limited warranty**

SPECIFICATIONS / CONTROLLER

Model: NPCC13

Battery Voltage: 12V/24V Auto

Max Input Charge Current: 13A

Max Discharge Current: 13A

Max Solar Input: <50V

Equalization*

B01 Sealed: 14.4V

B02 Gel: 14.2V

B03 Flood: 14.6V

Float Charge Voltage*: 13.7V (Default, Adjustable)

LVD(Low Voltage Disconnect)*: 10.7V (Default, Adjustable)

LVR(Low Voltage Recovery)*: 12.6V (Default, Adjustable)

USB Output: 5V/3A

Self-Consumes: <10mA

Operation Temperature: -35~+60 °C

Size / Weight: 150*78*35mm / 150g

***Value x2 while using in 24V system**