Features / Solar Panel

- Aluminum Frame, Rugged Design
- High Efficiency Solar Cells Power Up to 200W, Continuously recharge your 12V batteries with the power of the sun.
- Includes battery connecting cable and mounting Z-brackets Connect additional panels for a faster charge
- Charge controller Included to protect batteries from overcharging
- 25 year warranted to generate up to 80% of rated power

SPECIFICATIONS

Solar Panel
- Maximum Power: 200 Watt
- Voltage at Pmax(Vmp): 20.75 V
- Current at Pmax(Impp): 9.62A
- Open circuit voltage(Voc): 24.75 V
- Short circuit Current(Isc): 9.96 A
- Operating Temperature: -40°C to + 85°C
- Maximum System Voltage: 1000VDC
- Protection Class: Class A
- Material: Aluminum, Glass construction & Steel

Shipping Details

Item Number: 50201
UPC Code: 839290005880
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: lbs with packge
- lbs without packge
Master Quantity: 1
Master Dimensions: 27.6 x 2.36 x 59 in
Master Weight: lbs
**SPECIFICATIONS / INVERTER**

**AC OUTPUT**
- Power: 400W (Continuous), 800W (Peak)
- Voltage: 115±10 Vac
- Frequency: 60±3
- Waveform: Modified sinewave
- AC Outlet: 1 x 3Prong AC outlet

**DC OUTPUT**
- USB: 2 x 5V/2.1A

**DC INPUT**
- Voltage (nominal): 12.8-13.2Vdc
- Operation Range: 10.5-15.0Vdc
- Material: ABS, Stell, Aluminum

**PROTECTION:**
- Input Undervoltage Warning: 10.5±0.3Vdc
- Input Undervoltage Shutdown: 10.0±0.3Vdc
- Input Overvoltage Shutdown: 15.0±0.3Vdc
- Overload Shutdown: Yes
- Output Short circuit Protection: Yes
- Over Temperature Shutdown: Yes

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**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-Consume: <10mA

**Operation Temperature**: -35~+60°C

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

*Value x2 while using in 24V system

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**Features / Inverter**

- Convert battery power to household AC power installation.
- 2 x USB Output to Charge Multiple Devices at The Same Time
- Runs Home Appliance, TVs, Power Tools and More
- Comes With Both DC Plug and Battery Clamps
- 400 Watt Continuous Output, 800 Watts Surge
- Compact Size
- 1 year Limited warranty

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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

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