13A Charge Controller

Mounting Screws and Barckets

Bare end to battery clamps cable
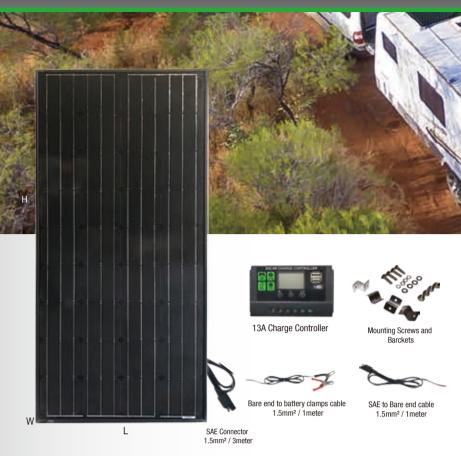1.5mm² / 1meter

SAE to Bare end cable
1.5mm² / 1meter

SAE Connector
1.5mm² / 3meter

Features / Solar Panel

- **Aluminum Frame, Rugged Design**

- **High Efficiency Solar Cells Power Up to 215W, 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

Solar Panel :	Monocrystalline
Maximun Power :	215 Watt
Voltage at Pmax(Vmp):	21.8 V
Current at Pmax(Imp):	9.85A
Open circuit voltage(Voc):	25.33 V
Short sircuit Current(Isc):	10.24 A
Operating Temperature:	-40ºC to + 85ºC
Maximum System Voltage:	1000VDC
Protection Class:	Class A
Material:	Aluminum, Glass constrction & Steel

SHIPPING DETAILS

Item Number:	50216
UPC Code:	839290005989
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:	29.9 lbs with packge
	25.9 lbs without packge
Master Quantity:	1
Master Dimensions:	27.6 x 2.36 x 59 in
Master Weight:	- lbs

1-800-588-0590
www.naturepowerproducts.com

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25 YEAR LIMITED WARRANTY

SOLAR CHARGE CONTROLLER

Features / Charge Controller

Prevent Battery Being Over Charge/discharge.

- **Build-in Industrial Micro Controller**
- **Lcd Display. All Adjustable Parameter**
- **Fully 3-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: 15A	
Max Discharge Current: 15A	
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/2A	
Self-Consume: <10mA	
Operation Temperature: -35~+60℃	
Size / Weight: 133*70*34mm / 154g	
Value x2 while using in 24V system	