



\*Mounting solution is not included



## Features

- Comes with 11A charge controller
- Including solar kit connecting cables
- Equipped with DC-AC 300W power inverter and connecting cables
- Inverter has input/output protection  
2XAC out put and a 5V/2A USB charger



## SPECIFICATIONS

### Solar Panel

Solar Panel: Polycrystalline  
 Maximum Power : 110 Watts  
 Current at Pmax(Imp): 5.81 Amps  
 Voltage at Pmax(Vmp): 18.9 Volt

### Charge Controller

Maximum Input power: 165 Watts  
 Maximum Input Current: 11 Amps

### Inverter

Maximum Power out put : 300 Watts  
 Conversion Efficiency: 87%  
 Input voltage: 12.8-13.2 Volts DC  
 Output waveform: Modified sine wave  
 Output: 2x110V AC outlet, 1x5V/2A USB

## SHIPPING DETAILS

Item Number: 53110

UPC Code: 839290005798

Country of Origin: Vietnam

Panel Dims Each: 26.6 x 39.7 x 1.38 in

Panel Weight Each: 18.3 lbs

Shipping Dimensions: - in

Product Weight: - lbs



**1-800-588-0590**

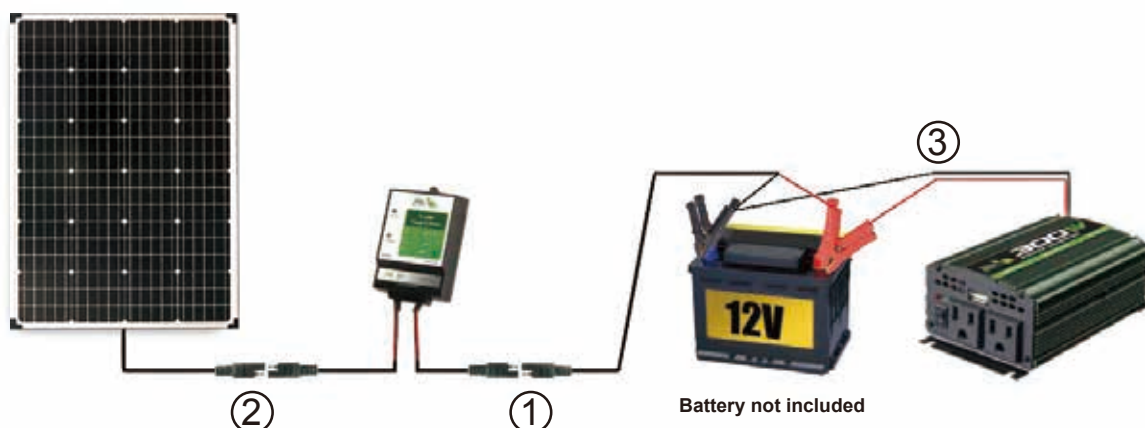
[www.naturepowerproducts.com](http://www.naturepowerproducts.com)



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## Solar Power Kit Connecting



## Weekly Power Chart

All run times/ratings are estimates only and may vary depending on your location, time of day, time of year and are based on 7 Hours of full sunlight per day.

Solar panel Rated Hourly (Maximum output)	110W	220W	330W	440W
	5.81Amp	11.62Amp	17.43Amp	23.24Amp
Weekly Output	5.39Kw·h	10.78Kw·h	16.17Kw·h	21.56Kw·h
<b>Weekly Power Run Time</b>				
Fluorescent Light 40 watts	134 hr	268 hr	402 hr	536 hr
Laptop 20-50 watts	107 hr	214 hr	321 hr	428 hr
Fan 80 watts	67 hr	134 hr	201 hr	268 hr
PC 80-150 watts	36 hr	72 hr	108 hr	144 hr
40" Television/ Projector 200 watts	27 hr	54 hr	81 hr	108 hr

## FAQ

- **What electrical appliances can work with 300W output power inverter.**  
TV, Computer, Laptop, Fan, Speakers, vacuum clean, Lights, Phone Charger, Water purifier etc.
- **Will this kit work with a 12V or 24V battery?**  
This is a 12V battery charging system only. Please call Nature Power Customer Service for more 24V system configuration.
- **How do solar system work?**  
The panel's photovoltaic cells convert the energy in sunlight to electricity, the electricity is then stored in the battery and an inverter will allow you to plug in appliances. there is 4 major components needed to set up your solar off grid system. Solar panels, charge controller to control the charge to the battery bank, a battery for power storage and an inverter to transfer DC power from the battery to an AC power.
- **Does the panels need to be in direct sun to work?**  
No, although solar panels produce the highest wattage output in direct sunlight, they will still produce power on cloudy days.
- **Do I need a battery to store Power?**  
Yes, a battery is needed to store the power from the solar panel, inverter will also connect to the battery.