Comes with 30A digital charge controller

Including solar kit connecting cables

Equipped with DC-AC 750W power inverter and connecting cables

Inverter has input/output protection

2XAC output and a 5V/2A USB charger

### Features

- Comes with 30A digital charge controller
- Including solar kit connecting cables
- Equipped with DC-AC 750W power inverter and connecting cables
- Inverter has input/output protection

2XAC output and a 5V/2A USB charger

### SPECIFICATIONS

**Solar Panel**
- Solar Panel: Polycrystalline
- Maximum Power: 4 x 110 Watts
- Current at Pmax (Imp): 23.24 Amps
- Voltage at Pmax (Vmp): 18.9 Volt

**Charge Controller**
- Maximum Input power: 480W/12V 960W/24V
- Maximum Input Current: 30 Amps

**Inverter**
- Maximum Power output: 750 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: 53440
- UPC Code: 839290005774
- Country of Origin: Vietnam
- Panel Dims Each: 26.6 x 39.7 x 1.38 in
- Panel Weight Each: 18.3 lbs
- Shipping Dimensions: -
- Product Weight: - lbs
FAQ

- **What electrical appliances can work with 750W power inverter.**
  TV, Refrigerator, Iron, Computer, Laptop, Fan, Speakers, vacuum clean, Lights, washing machine, 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.

### 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.

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