

## Solar Panel Kit parts and their specifications

Part	Vendor	Datasheet	Where to Buy	Specs
200 Watt 12 Volt Monocrystalline Solar Panel Starter Kit	Renogy	<a href="#">Link</a>	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>● 2 x 100 Watt Panels</li> <li>● Panel Weight: 14.1 lbs</li> <li>● Panel Dimensions: 41.8 x 20.9 x 1.38</li> <li>● See below for charge Controller</li> </ul>
Power Queen 12V 200Ah Battery	Power Queen		<a href="#">Link</a>	<ul style="list-style-type: none"> <li>● Rated Capacity 200Ah</li> <li>● Nominal Voltage: 12V</li> <li>● Max Charging Current: 200A</li> <li>● Max Discharge Current: 200A</li> <li>● Dimensions: 20.5 x 9.37 x 8.54 inches</li> <li>● Weight: 49.6 lbs</li> </ul>
Renogy Power inverter	Renogy	<a href="#">Link</a>	<a href="#">Link</a>	<ul style="list-style-type: none"> <li>● Rated 2000W:</li> <li>● Input voltage: 12V</li> <li>● Efficiency: &gt; 90%</li> <li>● Output voltage: 115V AC</li> <li>● Dimension : 17.8 x 8.6 x 4 ins</li> <li>● Weight 11.7 lbs</li> </ul>
MMPT Solar Charge Controller	Renogy	<a href="#">Link</a>	<a href="#">Link</a> (Comes with Panel Kit)	<ul style="list-style-type: none"> <li>● System Voltage: 12/24V Auto Recognition (for non-lithium batteries)</li> <li>● Mac Battery Voltage: 32V</li> <li>● PV Input Voltage Range: 15V - 100V VOC</li> <li>● Max Power Input: 12V @ 520W; 24V @ 1040W</li> <li>● Self Consumption: ≤ 1.5 W</li> <li>● Temperature Compensation: -3mV/°C/2V. Excludes LI</li> <li>● Controller Terminals: 20-6 AWG</li> <li>● Operating Temperature: -4°F ~ 113 °F</li> </ul>