

Solar Kit Components, March 2022

This document contains listings for batteries, solar panels, and charge controllers.

Batteries:

There are millions of possible batteries to choose from. I picked these 16 from www.batteryjunction.com. Please use these. "Ah" stands for "amp-hours." In the Google Sheet you can write "14Ah battery" and the price, you don't have to write down all of the make and model information. Remember, if the sheet says you need 13.2 amp-hours, you need to choose at least a 14 Ah battery. In other words, your battery must be rated at what you need or higher.



Power-Sonic AGM Deep Cycle
PDC-1275 7.5Ah 12V
Rechargeable Sealed Lead
\$19.75



Power-Sonic AGM Deep Cycle
PDC-1285 8.5Ah 12V
Rechargeable Sealed Lead
\$26.25



Power-Sonic AGM Deep Cycle
PDC-12140 14Ah 12V
Rechargeable Sealed Lead
\$41.95



Power-Sonic AGM Deep Cycle
PDC-12200 21Ah 12V
Rechargeable Sealed Lead
\$58.95



Power-Sonic AGM Deep Cycle
PDC-12260 28Ah 12V
Rechargeable Sealed Lead
\$82.20



Power-Sonic AGM Deep Cycle
PDC-12260H 26Ah 12V
Rechargeable Sealed Lead
\$82.95



Power-Sonic AGM Deep Cycle
PDC-12350 35Ah 12V
Rechargeable Sealed Lead
\$94.95



Power-Sonic AGM Deep Cycle
PDC-12400 40Ah 12V
Rechargeable Sealed Lead
\$116.95



Power-Sonic AGM Deep Cycle
PDC-12600 60Ah 12V
Rechargeable Sealed Lead
\$140.00



Power-Sonic AGM Deep Cycle
PDC-121000 100Ah 12V
Rechargeable Sealed Lead
\$239.95



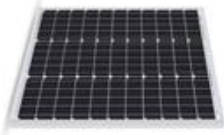

Power-Sonic AGM Deep Cycle
PDC-121100 107Ah 12V
Rechargeable Sealed Lead
\$279.95



Power-Sonic AGM Deep Cycle
PDC-122000 214Ah 12V
Rechargeable Sealed Lead
\$582.95







Solar panels:

I chose a sample of some of the types of panels available on the market from various vendors. On your worksheet you can just write "50 watt panel" and the price, you don't have to copy over all of the vendor information.

<p>50 Watt Panel</p> <p>(Renogy 50 Watt 12 Volt Monocrystalline Solar Panel)</p>		<p>\$75</p>
<p>100 Watt Panel</p> <p>(Renogy 100 Watt 12 Volt Monocrystalline Solar Panel)</p>		<p>\$115</p>
<p>150 Watt Panel</p> <p>(DOKIO 150 Watt 12 Volt Monocrystalline Solar Panel High Efficiency Module for RV, Boat, Home Off Grid System)</p>		<p>\$138</p>
<p>200 Watt Panel</p> <p>(Newpowa 200W Monocrystalline 200 Watt 12V Solar Panel High Efficiency Mono Module RV Marine Boat Off Grid)</p>		<p>\$189</p>

Charge Controllers:

When choosing a charge controller, please write down the "6 Amp charge controller" and the price, you don't have to write down all of the make and model information.

Amps	Description	Photo	Price
4.5 Amp	Morningstar SG-4 SunGuard 4.5 Amp PWM Charge Controller 12 Volt	 <p>The image shows a white Morningstar SunGuard 4.5 Amp PWM Charge Controller. It features a solar panel icon and the text 'SUNGUARD SOLAR CONTROLLER RATED 4.5A 12V'. There are four terminals labeled 'SOLAR' (YELLOW), 'SOLAR' (BLACK), 'BATTERY' (BLACK), and 'BATTERY' (RED). The controller also has a CE mark and a small flag icon on the left side.</p>	\$33
6 Amp	SunSaver 6 Charge Controller 12V 6A	 <p>The image shows a black SunSaver 6 Charge Controller. It has a solar panel icon and the text 'SUNSAVER-6'. There are four terminals labeled 'SOLAR', 'BATTERY', 'SOLAR', and 'BATTERY'. The controller also has a CE mark and a RoHS mark.</p>	\$54
10 Amp	Morningstar SunSaver 10-amp 12-volt Solar Charge Controller - SS-10-12V	 <p>The image shows a black Morningstar SunSaver 10-amp 12-volt Solar Charge Controller. It has a solar panel icon and the text 'SUNSAVER'. There are four terminals labeled 'SOLAR', 'BATTERY', 'SOLAR', and 'BATTERY'. The controller also has a CE mark and a RoHS mark.</p>	\$63
15 Amp	Morningstar PS-15 ProStar 15 Charge Controller 15A 12/24V	 <p>The image shows a white Morningstar PS-15 ProStar 15 Charge Controller. It has a solar panel icon and the text 'MORNINGSTAR ProSTAR Solar Charge Controller'. There are four terminals labeled 'SOLAR', 'BATTERY', 'SOLAR', and 'BATTERY'. The controller also has a CE mark and a RoHS mark.</p>	\$100
20 Amp	Morningstar SS 20L 12V SunSaver 20 amp 12 volt Solar Charge Controller with LVD	 <p>The image shows a black Morningstar SS 20L 12V SunSaver 20 amp 12 volt Solar Charge Controller. It has a solar panel icon and the text 'SUNSAVER-20L'. There are four terminals labeled 'SOLAR', 'BATTERY', 'SOLAR', and 'BATTERY'. The controller also has a CE mark and a RoHS mark.</p>	\$108
30 Amp	MorningStar ProStar PS-30 PWM Solar Charge Controller, 30 Amp 12/24 Volts	 <p>The image shows a white MorningStar ProStar PS-30 PWM Solar Charge Controller. It has a solar panel icon and the text 'MORNINGSTAR ProSTAR Solar Charge Controller'. There are four terminals labeled 'SOLAR', 'BATTERY', 'SOLAR', and 'BATTERY'. The controller also has a CE mark and a RoHS mark.</p>	\$128