

# SOLAR INSTALLED

## RENOGY KITS

Renogy provides reasonably priced high quality solar panels, inverters, batteries, charge controllers, and other solar components. At Great Lakes RV Solar Solutions, we offer complete RV solar installation kits made from Renogy components. We have created (3) packages from our years of experience that offer a balance of minimal boondocking (Package#1), medium boondocking (Package#2), and high boondocking (Package#3). All of our kits are designed with a base system that can handle 300 amps continuous battery power and 600 amps peak battery power. They are also designed with an inverter that can produce a maximum of 3,000 watts of power. Based on typical appliances found within RV's, the 3,000 watt inverter has proven to be the most efficient choice. One of the key benefits of our packages is their consistent power limits, allowing for effortless expansion - simply add more solar panels or batteries without the need for additional system modifications

## RV SOLAR INSTALLATION KITS

	RENOGY PACKAGE 1	RENOGY PACKAGE 2	RENOGY PACKAGE 3
			
<b>Inverter</b>	3000W	3000W	3000W
<b>Solar Panels</b>	400W	800W	1200W
<b>Batteries (LiFe)</b>	200A	400A	600A
<b>Batt Charge Capacity</b>	75A	75A	75A
<b>System Amp Capacity</b>	600A / 300A	600A / 300A	600A / 300A
<b>Touchscreen Display</b>	OneCore	OneCore	iPad / OneCore
	<b>INSTALLED</b>	<b>INSTALLED</b>	<b>INSTALLED</b>

## MONITORING

Renogy offers their One Core display, that connects to the Renogy solar components via bluetooth. The display provides the RV user with important solar energy and battery data.

Our Package #1 and Package #2 include the One Core display, which will be permanently mounted inside your RV. In addition, you may also use the Renogy DC Home app to pair the One Core, and view all solar data on your smart phone or iPad. With our Package #3, we provide the One Core display, in addition we permanently install an iPad that can stream all of your logged solar data. This logged data is helpful in monitoring your long term solar production and other data.



### Package #1

Intended for the entry-level solar user, with minimal boondocking. System will have the ability to power all appliances within most RV's with a 30A shore power plug, including the air conditioner for short amounts of time. This package, as with all packages, can easily be added onto with additional solar panels and batteries, to meet the RV user's demand.

### Package #2

Intended for RV users with a mixture of boondocking and grid power camping. System will have the ability to power all appliances within most RV's with a 30A shore power plug, and some 50A shore power plugs. There is enough lithium battery power to run most RV's for several days, even with partial cloud coverage. This is a common choice for most customers who want to experience the benefits of solar.

### Package #3

Our largest standard solar installation kit! This package is intended for RV owners who intend on enjoying a significant amount of boondocking! Both the lithium battery energy storage capacity, and the solar panel energy produced, will meet the electrical needs of most RV users! But, should more electrical power be desired, this package can be added onto at any time, just as the other packages can!

