

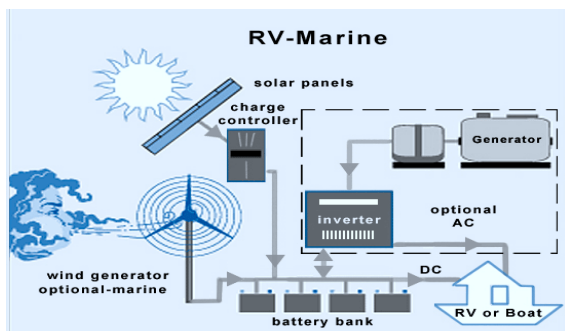


Sunlink Energy Limited

RV/ motorhome/ marine solar power system

Our RV & Marine kits are designed to charge the batteries aboard your recreational vehicle or boat. These kits can be connected to any battery, allowing for continuous recharge during daylight hours (including trickle charge for idle batteries). Extend battery life from anywhere, secure in the knowledge that you have a source of electrical power. Each kit contains a solar panel, charge controller, complete wiring to connect from panel to controller to battery, and hardware to flush mount your array. KITS ARE COMPLETELY EXPANDABLE.

How it work?



Put simply, the solar panel charges a 12V battery(protected from being overcharged by a charge Controller) during daylight hours.

The power in the battery is available for use at

any time to power appliances – directly if powering 12V appliances or through an inverter if powering 220V or 240V appliances. The system will work even in overcast weather conditions, both in summer and winter.

How many power we can get from this system per day?

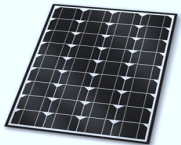



Our high efficiency solar panel (60W mono*2/pcs) can generate 6.98Amps per hour, and can generate at least 50Amps one day!

Check with your battery, calculate how many hour can change fully your storage.

Trust us, it is custom-made for your carvaran/ marine and motorhome system!

60W*2 Power System components and Specification

Output power 120W system on the roof can use in large caravan/ boat/ motor home. Support lighting, charge battery/ mobile/ PC/ digital camera/ extended 220 or 240V with inverter can support desk PC/ printers/ fax/ cooker power/ TV/ and most appliances

Solar panel	Size per panel	Cable and connect	Fitting Brackets	Controller Integrate Controller
	2x60W 766*654*35mm	10m	ABS, UV resistance	12V/24V 300W
				



Solar Panels for RV's and Boats



RV/Marine Solar Power Systems use the same components as any off-grid power system— solar panels or wind generator, inverter, charge controller, and batteries.

Just about any solar panel will work for an RV or Marine application. However some are better than others. Most panels over 125 watts are 24 volt panels and won't work with 12 volt systems. In many cases even 125 watt panels are too big for the sometimes limited space on the roof. Two 60 watt panels may work better.

The temperatures on the roof of an RV can be very hot especially when panels are "flush" mounted, actually a couple of inches off the roof. High temperature lowers voltage output of panels and power to your batteries. We have found that single crystal or mono crystal panels, which start out with a higher voltage, tend to work really well in mobile environments and we include them in our RV kits.



A lot of people ask about durability of solar panels on the road or water with the twisting and flexing going on not to mention flying rocks and road debris. Solar panels are covered with tempered glass that is rated to take the impact of a 1" hailstone at 50 m.p.h.! And if you have ever tried to walk through a closed sliding glass door you know that tempered glass is pretty tough.

300W 12/24V inverter integrate controller



Performance Features

- Perfect protection function, thus the system has higher reliability.
- LCD display function, visually display battery voltage and charge current.
- Integrated design of controller and inverter, with simple structure and easy maintenance.
- Frequency toroidal transformer, ensures that inverter has high efficiency and low no-load loss.
- Pure sine wave output, compared with square wave or modified wave, has higher efficiency and higher capability of driving load.
- PWM stepless unload mode, which burn the excess power, making the battery charging in best status
- By-pass function: It will switch to the city grid automatically when the battery is under-voltage or something wrong with the inverter, which ensures the continuity and stability of syste

Car/RV and Marine

