



Online Solar, LLC

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RV SOLAR SIZING CHART

Please fax this request for a system design and price quote to Online Solar, LLC at FAX: 410.528.9445

This sizing chart is designed to simplify choosing the right RV System for you. To find your correct solar system, complete the: 1. Power Usage Chart 2. Total Weekly Amp Hours Calculation 3. Match your total amp hours per week to the appropriate RV System in the Solar Power Output Chart.

NAME: _____
 COMPANY: _____
 ADDRESS: _____

 CITY, STATE & ZIP: _____

You may also submit this form by email to sales@mrsolar.com

1. Power Usage Chart

12V APPLIANCES	AMPS	X QTY	X HOURS RUN/DAY	(=) TOTAL AMPS/DAY
10 watt Lights	0.8			
15 Watt Lights	1			
Water Pump	4			
12 Volt TV	3			
Automatic Fan	2			
Furnace	8			
12 Volt Stereo	0.8			
Propane Alarm	0.21	1	24	5

*Fan and furnace are not typically ran at the same time.

120 VAC Appliances - Using Dc to AC Inverters

TV	4			
VCR	3			
SATELLITE	4			
MICROWAVE	100	1	0.1	10
TOASTER	65			
COFFEE MAKER	60			
BLENDER	12			
COMPUTER	25			
LAPTOP	5			
TOTAL AMP HRS PER DAY				

*All amperage ratings are based on a 12 volt system.

2. Total Weekly Amps Calculations

Multiply total amp hours per day by the number of days per week (i.e. weekend camping: multiply total amp hours x2, full-time camping: multiply total amps per day x7 days).

_____ amps per x _____ # days of use per week = _____ total amps

3. MSRV RV Solar Power Output Chart. Match your total amp hours per week to the chart below.

*Numbers based on a 12V system with 4 hours charging time. Charging times vary depending on location, season and weather conditions.

MSRV RV SOLAR KIT	TYPICAL WEEKLY OUTPUT*
MSRV 20	33
MSRV 50	87
MSRV 80	130
MSRV 170	260
MSRV 340	520



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