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 RV Solar Shop - 2917 State Highway 7 - Bainbridge, NY 13733



This sizing chart is designed to simplify choosing the right RV System for you. To find your correct solar system, simply complete the Power Demand Chart (Step 1), complete Total Weekly Amp Hours Calculation (Step 2) and match your expected power demands to the appropriate RV System in the Solar Power Output Chart (Step 3).

Name: _____ **Representative:** _____

Address: _____ **City:** _____

State: _____ **Zip:** _____

Telephone: _____ **E-mail:** _____

1. Power Demand Chart

12V Appliances	Amps	x Qty.	x Hrs. Run/day	=Total amps per 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 run 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 hours per day				

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

2. Total Weekly Amps Calculation

Multiply total amps hours per day by the number of days per week (i.e. weekend camping: multiply total amp hours x 2 days, full-time camping: multiply total amps per day x 7 days).

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

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

SRV Solar Kit	Typical Weekly Output*
40W RV	70
80W RV	140
110W RV	179
220W RV	358
330W RV	538

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