SunWize® RV Solar Power Systems

Provide reliable power, independence and freedom

The SunWize RV Solar Power System includes a high-efficiency SunWize solar module, three-stage digital regulator with remote LCD display, SunWize tilting RV solar mount, solar cable, all necessary hardware, an installation guide and owner's manual. Shown above is the 80 watt SWRV-80 RV kit.

Discover a new world in your RV. A SunWize RV Solar Power System will give you the power you need to go anywhere you desire. Charge your batteries while enjoying the peaceful tranquility of a remote campsite or power up at a tailgate party. With the power of a SunWize RV solar system the choice is yours and the freedom is yours.

SunWize RV Solar Power Systems are designed for the most rugged climates. Solar modules withstand the summer desert heat and winter hail and still produce power day in and day out; year in and year out. Use our SunWize solar power calculator on the back side of this sheet to determine the appropriate system for your needs.

The SunWize RV Solar Power System base kits:

- SWRV-115, 115 watt RV solar system
- SWRV-80, 80 watt RV solar system
- SWRV-55, 55 watt RV solar system

Expand your system at any time with any of these systems

- SWRV-115-Add, 115 watt RV solar expansion system
- SWRV-80-Add, 80 watt RV solar expansion system
- SWRV-55-Add, 55 watt RV solar expansion system

All SunWize RV Solar Power Systems feature:

- Rugged, reliable and easy to install systems
- Mono-crystalline solar technology to maximize your daily power output
- Solar modules carry a 25-year factory warranty
- SunWize tilting RV solar mount. Using our tilt mount the solar module output can increase by up to 35% over conventional flat mount RV systems. Performance will vary upon season and location.
- Three-stage 20 amp solar controller with remote LCD display has a 3-year warranty

System Specifications	PV Watts	Voltage (Vmp)	Current (Imp)	Length (inches)	Width (inches)	Height (inches)	Weight (lb.)
SWRV-55, RV system	55	16.7	3.30	35.12	22.59	1.33	13.7
SWRV-80, RV system	80	16.4	4.88	56.89	22.80	1.33	23.0
SWRV-115, RV system	115	16.7	6.85	56.93	25.93	1.33	26.0
SWRV-55, RV expansion system	55	16.7	3.30	35.12	22.59	1.33	13.7
SWRV-80, RV expansion system	80	16.4	4.88	56.89	22.80	1.33	23.0
SWRV-115, RV expansion system	115	16.7	6.85	56.93	25.93	1.33	26.0

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SUNWIZE RV SOLAR POWER SYSTEM CALCULATOR

Step 1: Calculate your daily loads by inserting the hours each appliance will be on per day

Appliance	Ahrs	X	# of appliances	X	# of hours/day	=	Total Ahrs/day (watts x appliances x hours)
Reading light	1						
Single bulb fluorescent	1.5						
Dual bulb fluorescent	2.5						
Water pump	4						
12 volt fan vent	1.5						
Furnace (cold weather fan runs on average of 4 hours per day)	7						
Propane alarm (usually 24 hours per day)	0.5		1		24		12
CD player	4						
DVD player	1						
TV	8						
Satellite dish	4						
Microwave (average use 0.1 hours per day)	125						
Coffee maker (average use 0.1 hours per day)	50						
Blender (average use 0.1 hours per day)	50						
Toaster (average use 0.1 hours per day)	60						
Vacuum (average use 0.2 hours per day)	35						
Curling Iron (average use 0.15 hours per day)	3						
Blow dryer (average use 0.15 hours per day)	125						
Laptop computer	5						
					Total Power required per day:		**12**

Step 2: Choose the number of days you plan to dry-camp per week and multiply by the daily loads

(RV solar systems charge 7 days per week; a smaller system is required for weekend users verse dry-camping for weeks at a time)

EXAMPLES:	Number of Days	X	Total Power Required per Day	=	Total Weekly Power Demand
	Days Camping		Power Required		Weekly Power Required
Weekend	3		60		180
Full time	7		60		420

Step 3: Match your daily power requirements to the appropriate SunWize RV Solar System

SunWize RV Solar Power System	Estimated Weekly Output
SWRV-55	139
SWRV-80	206
SWRV-115	290
SWRV-55 plus SWRV-55 expansion system	278
SWRV-80 plus SWRV-80 expansion system	412
SWRV-115 plus SWRV-115 expansion system	580
SWRV-55 plus two SWRV-55 expansion system	417
SWRV-80 plus two SWRV-80 expansion system	618
SWRV-115 plus two SWRV-115 expansion system	870

**Power output will vary upon location, weather conditions, time of year and angle of solar module*