

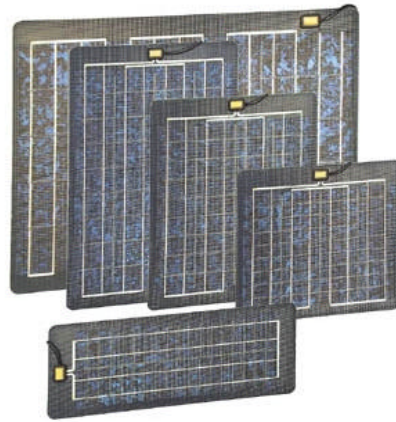
Solara Energy

SM Series Panels

Thin, Flexible & Lightweight for RV's, Marine & Portable Uses.

These solar panels are specially designed for use on boats, yachts, sea lights and life rafts. They can also be used on motorhomes, travel trailers, vacation homes and electric (EV) cars or for charging mobile installations. Sturdy, robust construction yields a strong yet lightweight, unbreakable solar panel that can be glued or screwed to nearly any surface.

Solara Energy, Inc. markets RV & Marine Solar Modules under the Solara[®] brand and is a producer of environmentally friendly Bio-Diesel. SE-B100[®] is a clean renewable fuel that can replace diesel #2 in your vehicle. Used on all types of recreational vehicles, yachts and boats, Solara[®] solar modules can assure that you will never have a dead battery again.



- Easy Installation – Glue or Screw
- Thin & Lightweight <math>< 1/8''</math> Thick <math>< 10</math> lbs. – Mounts Anywhere
- Flexible Stainless Steel Backing – No Glass
- Installed Modules are Tough – Can Be Walked On
- Highest Efficiency Crystalline Cells – Exceptional Photo Sensitivity
- Seawater Resistant – Very High Reliability & Long Life
- Small & Flat Connection Box – Simple to Connect



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Specifications

	SM40M	SM60M	SM80M	SM120M	SM160M	SM225M
Average Daily Output	50 Wh/d	75 Wh/d	100 Wh/d	150 Wh/d	200 Wh/d	280 Wh/d
Maximum Power Output	10 Watts	15 Watts	20 Watts	30 Watts	40 Watts	56 Watts
System Voltage	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts	12 Volts
Amps/Hr	0.5 Amps	0.9 Amps	1.1 Amps	1.7 Amps	2.2 Amps	3.0 Amps
Amp Hours/Day *Avg. 5 hrs sun/day	2.5 Amps	4.5 Amps	5.5 Amps	8.5 Amps	11 Amps	15 Amps
Dimensions (LxWxH)	16.6x10.7x.08	24.4x9.8x.08	16.9x17.7x.08	23.2x17.7x.08	29x17.7x.08	29.5x24.0x.08
Weight (lbs.)	2.9	4.3	5.3	6.95	8.6	10.8
Wiring Included	Yes	Yes	Yes	Yes	Yes	Yes
Glued (G) or Screwed (S) Mounting	G or S	G or S	G or S	G or S	G or S	G or S
Optional Edge Protector	Yes	Yes	Yes	Yes	Yes	Yes

Flexible Solara[®] Solar Modules



Typical RV/Yacht Battery Power Demands

Appliance	Amps
Fluorescent lamp	1.6 Amps
TV - Black and White, 12"	2.5 Amps
TV - Color, 13"	4.5 Amps
CB radio	1.3 Amps
Cassette / CD player	2.5 Amps
Circulating water pump	2.6 Amps
120 VAC Microwave (through inverter)	40-50 Amps