

# SOLBIAN



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	SP 137	SP 125	SP 112L	SP 112 Q	SP 100	SP 50L	SP 50Q
Length	59"	54"	48.3"	33.3"	43.7"	43.7"	23.4"
Width	21.3"	21.3"	21.3"	31.4"	21.3"	11.2"	21.2"
Weight	4.5 lbs	4.1 lbs	3.7 lbs	3.7 lbs	3.3 lbs	1.8 lbs	1.8 lbs
Peak Power - Pmax	137 W	125 W	112 W	112 W	101 W	50.7 W	50.7 W
Peak Current - Imp	5.7A	5.7A	5.7A	5.7A	5.7A	5.7A	5.7A
Peak Volt - Vmp	24v	22v	20v	20v	18v	9v	9v
Est Daily Yield*	46 A/hrs	42 A/hrs	37 A/hrs	37 A/hrs	33 A/hrs	17 A/hrs	17 A/hrs
Efficiency (cell)	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%	22.5%

*All Solbian "SP" panels contain 100% genuine, high-grade **SUNPOWER** monocrystalline cells*



Panels in yellow columns have a low-voltage output. These require a special Boost Controller, or for two or more panels to be wired in series.

## New! Full Square solar cells on flexible panels

	SXp 145L	SXp 64L	SXp 64Q	SXp 48
Length	59.7"	53.3"	28.5"	41"
Width	26.8"	14.4"	26.58"	14.4"
Weight	4.6 lbs.	2.6 lbs.	2.6 lbs.	2.0 lbs.
Peak Power - Pmax	145 W	64 W	64 W	48 W
Peak Current - Imp	8.1A	8.1A	8.1A	8.1A
Peak Volt - Vmp	18v	8v	8v	6v
Est Daily Yield*	45 A/hrs	20 A/hrs	20 A/hrs	15 A/hrs
Efficiency (cell)	19.0%	19.0%	19.0%	19.0%



### MPPT Controllers



**Genasun GV-5**  
Max O/P - 5amps  
Max panel - 65w



**Genasun GV-10**  
Max O/P - 10.5amps  
Max panel - 140w



**Victron 75/15**  
Max O/P - 15amps  
Max panel - 200w



**BlueSky 3000i**  
Max O/P - 30amps  
Max panel - 400w

### PWM Controller



**Solara SR170CX**  
+ Display  
Max O/P - 10amps  
Max panel - 170w

### Solar Monitor

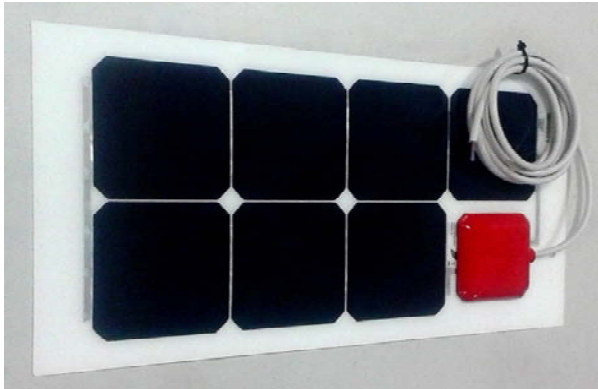


**Watt Wizard**  
See at a glance how your solar panels are performing

\* Estimated average daily amp/hour yield for a good solar day, no shade, in summer, if adequate load available. \*\* Prices subject to change without notice.

# SOLBIAN

With:  
**SunPower®**  
Back Contact Cells



## Solbian's **ALL-IN-ONE** Solar Panels

**Trickle Charge Made Easy!**

### **ALL in ONE** panels:

- Contain genuine, high-grade SunPower® cells
- Connect directly to your battery
- MPPT controller is integrated into panel
- All electronics packed into rugged waterproof box mounted on panel

	SP23 All1	SP47L All1	SP47Q All1	SP72 All1
Length	23.7"	43.7"	23.7"	33.7"
Width	11.7"	11.6"	21.5"	21.5"
Weight	.6"	.6"	.6"	.6"
Peak Power - Pmax	<b>23 W</b>	<b>47 W</b>	<b>47 W</b>	<b>72 W</b>
Peak Current - Imp	2A	4A	4A	6A
Peak Volt - Vmp	12/24v	12/24v	12/24v	12/24v
Est Daily Yield*	<b>6-7 A/hrs</b>	<b>12-14 A/hrs</b>	<b>12-14 A/hrs</b>	<b>18-22 A/hrs</b>
Efficiency (cell)	22.5%	22.5%	22.5%	22.5%

### **All Solbian panels are:**

- ★ **Light weight**, with high yield solar cells
- ★ **High efficiency**, great solar power potential, exceptional low light performance
- ★ Ultra thin, **flexible** solar panels easily conform to deck curves
- ★ **Simple to attach** to canvas tops with sewn in zippers, velcro, or grommets
- ★ Designed to withstand the harsh realities of the **marine environment**
- ★ Solar cells encapsulated in high strength polymers, **not laminated**
- ★ SP panels use only **genuine, top grade SunPower®** cells

