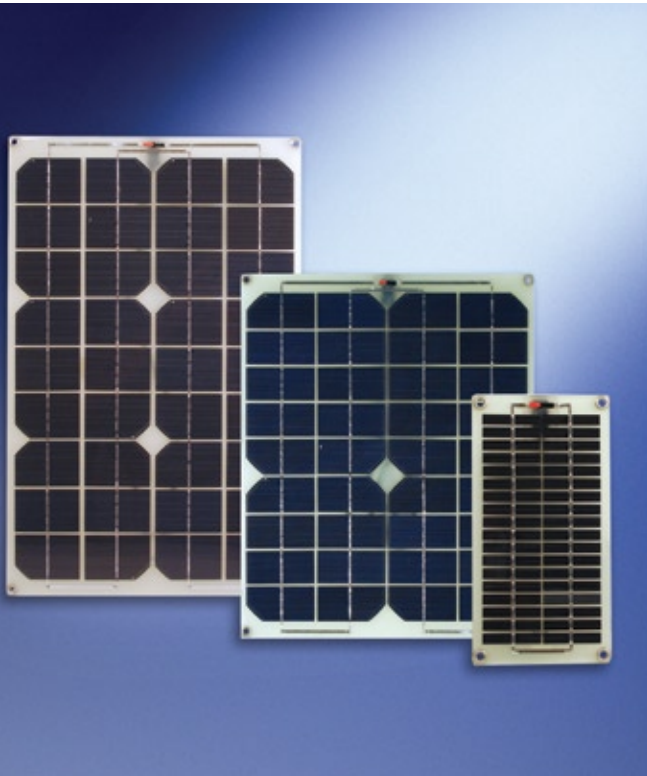


# SunWize® SolCharger Solar Modules



SunWize SolCharger 18W, 12W and 3W solar modules (l to r)

**SolCharger modules, available in rated output power from 3W to 24W, operate DC loads with small to moderate energy requirements**

Lightweight and durable, SunWize SolCharger modules are designed to perform in any environment and for any remote power application. Instead of the standard glass surface, a polymer coating produces a module that is impact resistant and flame retardant. The polymer allows maximum light transmission to the single crystalline cells for high efficiency operation. SolChargers are easy to integrate into load equipment since there is no need for a metal frame, creating a smaller profile than other modules.

SolChargers are ideal for areas where vandalism is a concern such as roadside call boxes, automated parking meters and fence chargers. Each module features a three-foot output cable and four mounting holes with stainless steel grommets. The SC3, SC6 and SC12 models are available in 6V and 12V. Ten-year limited warranty.

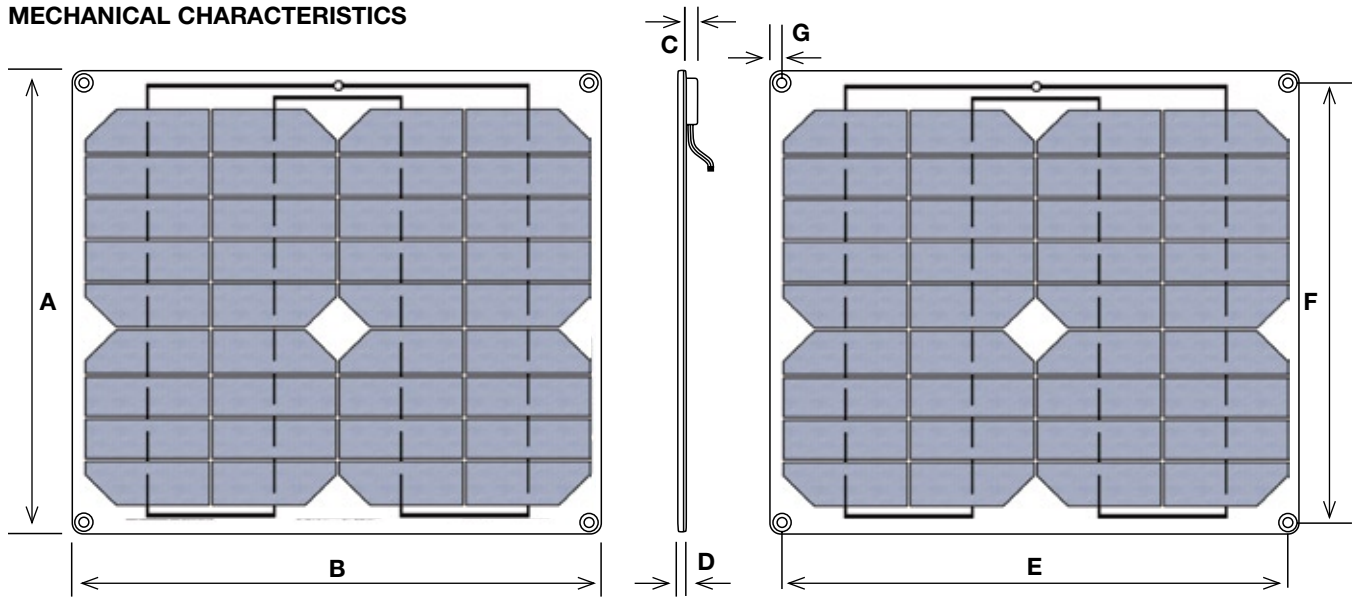
**FEATURES:**

- High efficiency performance • Vandal Resistant
- Flame Retardant • Durable • Lightweight

Model	Rated Power (Watts)	Rated Voltage (Vmp)	Rated Current (Imp)	Open Circuit (Voc)	Short Circuit (Isc)	Dims (Inches)	Unit Wgt (lbs)
SC3-6V	3.0	9.34	0.30	11.2	0.33	9.43 x 5.55	0.60
SC3-12V	3.0	18.7	0.15	22.4	0.16	9.43 x 5.55	0.60
SC6-6V	6.0	9.34	0.61	11.2	0.65	9.43 x 9.43	1.00
SC6-12V	6.0	18.7	0.30	22.4	0.33	9.43 x 9.43	1.00
SC12-6V	12.0	9.34	1.28	11.2	1.37	13.3 x 11.68	2.00
SC12-12V	12.0	18.7	0.62	22.4	0.66	13.3 x 11.68	2.00
SC18	18.0	18.7	0.93	22.4	0.99	13.3 x 16.55	2.80
SC24	24.0	18.7	1.24	22.4	1.32	13.3 x 21.18	3.70

ELECTRICAL SPECIFICATIONS: ±10% @25°C @ 1000W/M<sup>2</sup>

**MECHANICAL CHARACTERISTICS**



Model	A	B	C	D	E	F	G
SC3	9.425 [239.4]	5.550 [141.0]	.354 [9.0]	.190 [4.8]	8.875 [225.4]	5.000 [127.0]	.275 [7.0]
SC6	9.425 [239.4]	9.425 [239.4]	.354 [9.0]	.190 [4.8]	8.875 [225.4]	8.875 [225.4]	.275 [7.0]
SC12	11.675 [296.5]	13.300 [337.8]	.346 [8.8]	.190 [4.8]	12.75 [323.9]	11.125 [282.6]	.275 [7.0]
SC18	16.550 [420.4]	13.300 [337.8]	.356 [9.0]	.190 [4.8]	12.75 [323.9]	16.000 [406.4]	.275 [7.0]
SC24	21.175 [537.8]	13.300 [337.8]	.356 [9.0]	.190 [4.8]	12.75 [323.9]	20.625 [523.9]	.275 [7.0]

[mm in parenthesis]

**WIRE:** 18/2 TYPE TC (tray cable),  
Red (+) Black (-), 36" (.91 M) Long  
**SUBSTRATE:** FR4 .118 (3mm) thick,  
**COLOR:** Tan  
**MOUNTING GROMMET:**  
15/64 inch [6mm] diameter

