



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

SunWize®

SolCharger Modules

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.

Features include:

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

Part #	Model	Watts	Vmp	Imp	Voc	Isc	Dimensions	Weight
126003SC3-6	SC3-6V	3.0	9.34	0.30	11.2	0.33	9.4 x 5.6	0.6
126003SC3-12	SC3-12V	3.0	18.7	0.15	22.4	0.16	9.4 x 5.6	0.6
126006SC6-6	SC6-6V	6.0	9.34	0.61	11.2	0.65	9.4 x 9.4	1.0
126006SC6-12	SC6-12V	6.0	18.7	0.30	22.4	0.33	9.4 x 9.4	1.0
126012SC12-6	SC12-6V	12.0	9.34	1.28	11.2	1.37	13.3 x 11.7	2.0
126012SC12-12	SC12-12V	12.0	18.7	0.62	22.4	0.66	13.3 x 11.7	2.0
126018SC18	SC18	18.0	18.7	0.93	22.4	0.99	13.3 x 16.6	2.8
126024SC24	SC24	24.0	18.7	1.24	22.4	1.32	13.3 x 21.2	3.7

Electrical Specifications: ±10% @25°C @ 1000W/m²

SL Series Solar Modules

SunWize SL series modules deliver top-quality performance for all photovoltaic applications including rural electrification, water pumping, telemetry, lighting, and battery charging.

Features:

- Factory tested to verify superior performance
- Vandal Resistant • Lightweight • Durable
- Flame Retardant • Pre-drilled mounting holes

Ideal for DC installations, each module consists of 36 solar cells connected in series providing maximum charging power. The glass surface allows maximum light transmission and is impact resistant to hailstone forces of a 1" diameter hailstone at terminal velocity (5 ft-lbs). Single crystalline solar cells are encapsulated and bonded to the glass in multiple layers of ethylene vinyl acetate (EVA) and laminated with a white Tedlar™ backing insuring long life in severe environmental conditions. Anodized aluminum frames add strength and durability to the modules and are constructed to withstand constant wind speeds of 110 mph and gusts to 133 mph.

The weather resistant junction box includes a moisture-tight strain relief connector. SunWize SL series modules are manufactured in accordance to ISO 9002 standards, and comply with U.S. and international standards. SL series modules are FM approved non-incendive for Class 1, Div. 2, Groups ABC & D hazardous (classified) locations, and carry a 10-year, 80% power output warranty.



SunWize SL12 watt module

Part #	Model	Watts	Vmp	Imp	Voc	Isc	Dimensions	Weight
125012SL12-12	SL12	12	18.7	0.61	22.4	0.65	14.2 x 12.5	3.7

Electrical Specifications: ±10% @25°C @ 1000W/m²