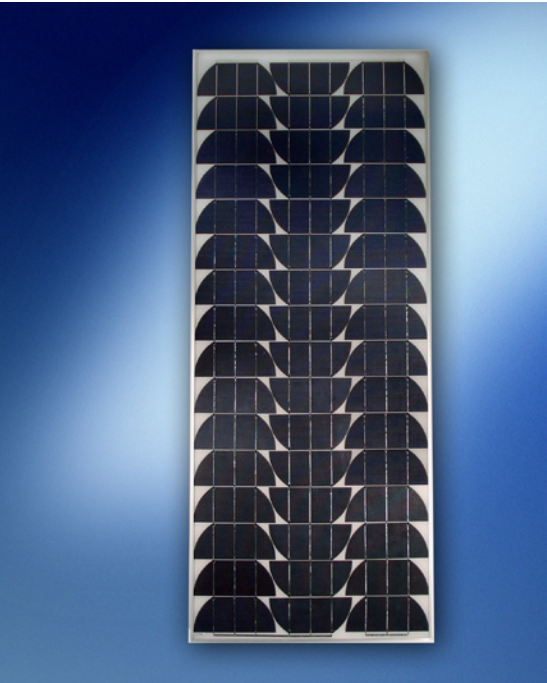


SunWize® SW90C/SW100C Solar Module



SunWize SW90C / SW100C

SunWize SW90C/SW100C modules deliver top-quality performance for all photovoltaic applications including rural electrification, water pumping, telemetry, communications, and general battery charging. SunWize modules can be used in single-module and multiple-module installations and are ideal for high voltage grid-tied inverters. Each module consists of 48 solar cells connected in series providing maximum charging power.

FEATURES:

- 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.
- The glass surface allows maximum light transmission and is impact resistant to hailstone forces up to 5 ft-lbs.
- A weather resistant junction box accommodates all wiring methods including moisture-tight strain relief connectors and electrical conduit.
- Pre-drilled mounting holes.
- Dual bypass diodes contained within the junction box insure reliable operation.
- Anodized aluminum tubular frames add strength and durability to the modules and are constructed to withstand constant wind speeds of 110 mph and gusts to 133 mph.
- SW modules are manufactured to comply with U.S. and international standards, and are UL Listed and carry a 25-year, 80% power output warranty.

Model	Rated Power (Watts)	Rated Voltage (Vmp)	Rated Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)
SW90C	90	22.5V	4.00A	28.0V	4.50A
SW100C	100	23.0V	4.35A	28.5V	5.00A

The operating temperature range is -40°C to +95°C in 100% relative humidity

