

SunWize SW50C/55/60 Solar Module

SunWize® SW50C/55/60 Solar 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 39 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 is impact resistant and allows maximum light transmission.
- A weather resistant junction box accommodates all wiring methods including moisturetight strain relief connectors and electrical conduit.
- Pre-drilled mounting holes.
- Bypass diodes within the junction box insure reliable operation.
- Anodized aluminum tubular frames add strength and durability to the modules.
- SW modules are manufactured in accordance to ISO 9002 standards, comply with U.S. and international standards, and are factory tested to verify superior performance. SW modules are ISPRA certified to IEC 61215, UL listed, and FM approved.
- All SunWize modules 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)
SW50C	50	16.4V	3.05A	21.0V	3.40A
SW55	55	16.7V	3.30A	21.0V	3.65A
SW60	60	16.7V	3.60A	21.0V	3.95A

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

SunWize SW50C/55/60 Solar Module		
MECHANICAL DIMENSIONS		
A	500 mm	19.68 inches
B	1001 mm	39.40 inches
C	468 mm	18.43 inches
D	—	—
E	600 mm	23.62 inches
F	320 mm	12.59 inches
G	968 mm	38.11 inches
H	34 mm	1.33 inches
Weight:	6.2 kg.	13.7 lbs.

