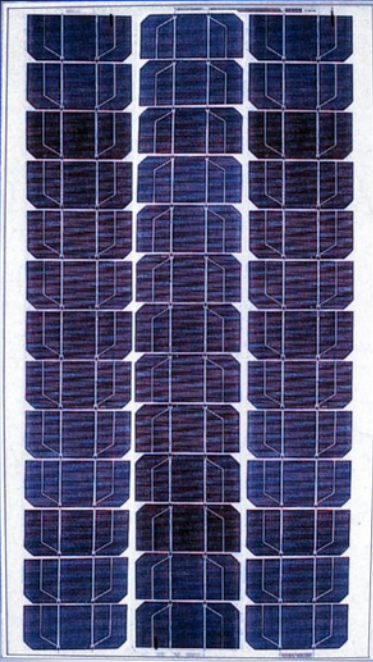


SunWize SW50C/55/60 Solar Module



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 ISPR 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. |

