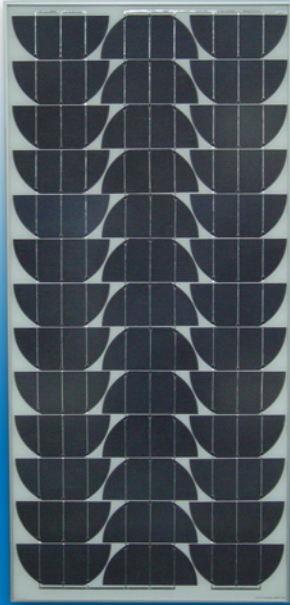


SunWize® SW75A/80A Solar Module



SunWize SW75A/80A Solar Module

SunWize SW75A/80A 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 and multiple-module installations for charging nominal 12, 24 and 48 Volts DC battery banks. Each module consists of a single string 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. UL listed.
- All SunWize SW 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)
SW75A	75	16.7V	4.50A	22.5V	4.83A
SW80A	80	17.0V	4.70A	22.5V	5.08A

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

SunWize SW75A/80A Solar Module		
MECHANICAL DIMENSIONS		
A	1288 mm	50.71 inches
B	588 mm	23.15 inches
C₁	34 mm	1.34 inches
C₂	47 mm	1.85 inches
D	800 mm	31.50 inches
E	556 mm	21.89 inches
F	1256 mm	49.45 inches
G	320 mm	12.60 inches
Weight:	8.0 kg.	17.60 lbs.

