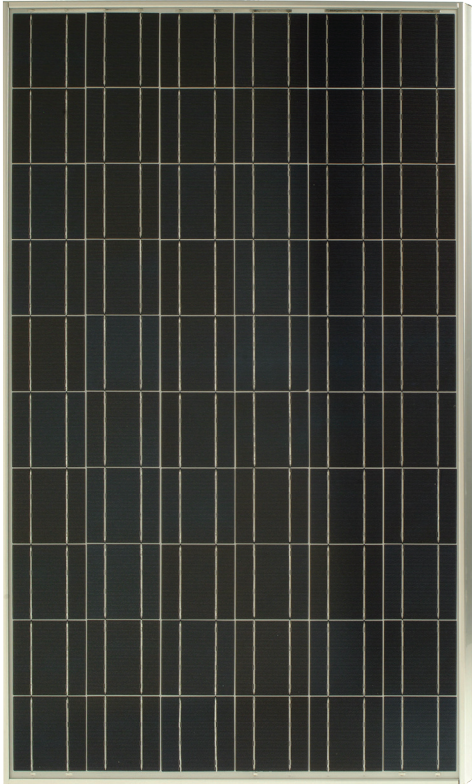




solar electricity

235 WATT

MULTI-PURPOSE MODULE



ND-235QCJ

MULTI-PURPOSE 235 WATT
MODULE FROM THE WORLD'S
TRUSTED SOURCE FOR SOLAR.

Using breakthrough technology, made possible by nearly 50 years of proprietary research and development, Sharp's ND-235QCJ solar module incorporates an advanced surface texturing process to increase light absorption and improve efficiency. Common applications include commercial and residential grid-tied roof systems as well as ground mounted arrays. Designed to withstand rigorous operating conditions, this module offers high power output per square foot of solar array.

Business leaders install this module in large commercial applications, demonstrating financial astuteness and environmental stewardship.

ENGINEERING EXCELLENCE

High module efficiency for an outstanding balance of size and weight to power and performance.

5% POSITIVE POWER TOLERANCE

Count on Sharp to deliver all the watts you pay for with a guaranteed minimum peak power rating of 235 W. Individual modules could test up to 5% higher.

RELIABLE

25-year limited warranty on power output and 10-year limited warranty on materials or workmanship.

HIGH PERFORMANCE

This module uses an advanced surface texturing process to increase light absorption and improve efficiency.

"BUY AMERICAN"

Proudly manufactured in Memphis, TN from imported and domestic parts.



Sharp multi-purpose modules offer industry-leading performance for a variety of applications.



Tempered glass, EVA lamination and weatherproof backskin provide long-life and enhanced cell performance.

SHARP: THE NAME TO TRUST

The Sharp ND-235QCJ module is covered by Sharp's 10-year limited warranty on materials or workmanship. When you choose Sharp, you get more than well-engineered products. You also get Sharp's proven reliability, outstanding customer service and the assurance of our 25-year limited warranty on power output. With over 50 years experience in solar and over 4.3 GW of installed capacity, Sharp has a proven legacy as a trusted name in solar.

BECOME POWERFUL

235 WATT

ND-235QCJ

Module output cables: 12 AWG PV Wire

ELECTRICAL CHARACTERISTICS

Maximum Power (Pmax)*	235 W
Tolerance of Pmax	+5%/-0%
PTC Rating	211.8 W
Type of Cell	Polycrystalline silicon
Cell Configuration	60 in series
Open Circuit Voltage (Voc)	37.2 V
Maximum Power Voltage (Vpm)	29.3 V
Short Circuit Current (Isc)	8.60 A
Maximum Power Current (Ipm)	8.02 A
Module Efficiency (%)	14.4%
Maximum System (DC) Voltage	600 V
Series Fuse Rating	15 A
NOCT	47.5°C
Temperature Coefficient (Pmax)	-0.485%/°C
Temperature Coefficient (Voc)	-0.36%/°C
Temperature Coefficient (Isc)	0.053%/°C


*Illumination of 1 kW/m² (1 sun) at spectral distribution of AM 1.5 (ASTM E892 global spectral irradiance) at a cell temperature of 25°C.

MECHANICAL CHARACTERISTICS

Dimensions (A x B x C to the right)	39.1" x 64.6" x 1.8"/994 x 1640 x 46 mm
Cable Length (G)	43.3"/1100 mm
Output Interconnect Cable	12 AWG with SMK Locking Connector
Weight	41.9 lbs / 19.0 kg
Max Load	50 psf (2400 Pascals)
Operating Temperature (cell)	-40 to 194°F / -40 to 90°C

**PV Wire per UL Subject 4703

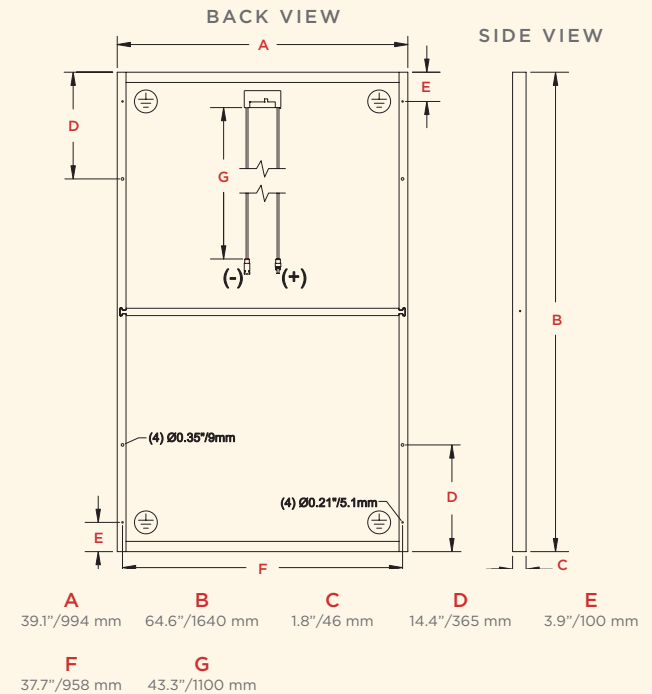
QUALIFICATIONS

UL Listed	UL 1703	
Fire Rating	Class C	

WARRANTY

25-year limited warranty on power output
Contact Sharp for complete warranty information

DIMENSIONS



Contact Sharp for tolerance specifications

"BUY AMERICAN"

Sharp solar modules are manufactured in the United States and Japan, and qualify as "American" goods under the "Buy American" clause of the American Recovery and Reinvestment Act (ARRA).

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SHARP®

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