

72 WATT

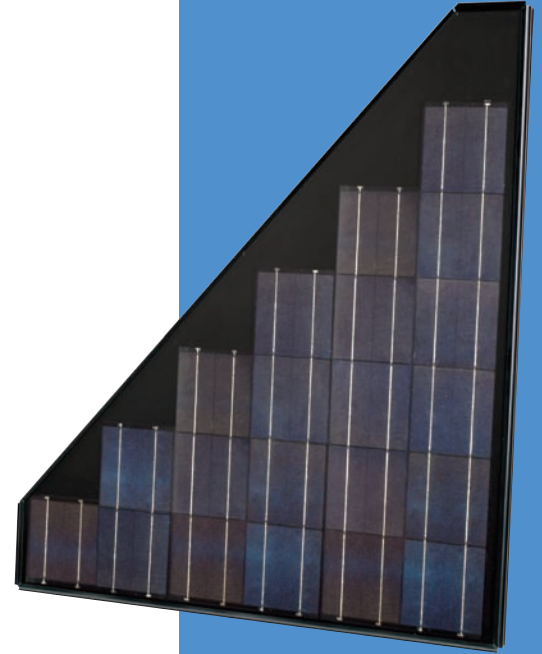
ATTRACTIVE LOOK. FLEXIBLE DESIGN.

LEFT AND RIGHT TRIANGULAR PHOTOVOLTAIC MODULES WITH 72W MAXIMUM POWER

Sharp's new triangular photovoltaic modules offer the clean, pleasing look of a high-tech skylight while increasing design flexibility with balanced and attractive rooftop arrays. Engineered specifically for residential hip roofs and complex roof lines, these modules set a new standard in aesthetics.

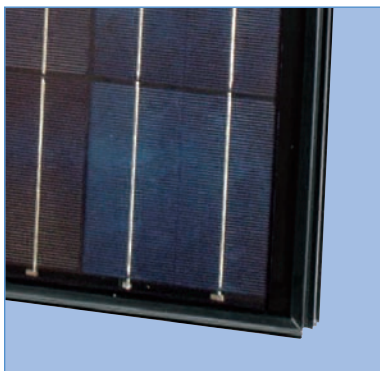
The black anodized aluminum frames, trim strips, and backing sheets blend beautifully with the home's exterior. In addition, an "L" hook design located along the frame's perimeter ensures easy integration with the residential system mounting hardware. Using breakthrough technology perfected by Sharp's 45 years of research and development, these modules incorporate an advanced surface texturing process to increase light absorption and improve efficiency. They are also designed to withstand extreme heat and wind.

Sharp's ND-072ERU/LU triangular residential system modules are an ideal combination of form and function from the global leader in solar technology.



FEATURES

- High-power module (72W) using 155mm square polycrystalline silicon solar cells
- Left and right triangular modules offer greater design flexibility and greater integration for roofline aesthetics
- Sharp's advanced surface texturing process increases light absorption and efficiency while providing a more subdued, "natural" look
- Bypass diodes minimize the power drop caused by shade
- Black anodized aluminum frame and "L" hook design located along frame perimeter for easy integration with residential system mounting hardware
- Nominal 7 VDC output is ideal for residential system applications
- Manufactured in ISO 9001 certified facilities
- 25-year limited warranty on power output (see dealer for details)
- UL Listings: UL 1703, cUL



The laminated glass module is glazed into a high torsion black anodized aluminum frame.



Sharp's triangular modules with black frames, trim strips, and backing sheets allow for the seamless integration of the system into the home's design.

ELECTRICAL CHARACTERISTICS

Cell	Poly-crystalline silicon
No. of Cells and Connections	21 in series
Open Circuit Voltage (Voc)	12.43V
Maximum Power Voltage (Vpm)	9.98V
Short Circuit Current (Isc)	8.04A
Maximum Power Current (Ipm)	7.22A
Maximum Power (Pmax)*	72W (+10% / -5%)
Maximum System Voltage	600VDC
Series Fuse Rating	15A
Type of Output Terminal	Lead Wire with MC Connector

MECHANICAL CHARACTERISTICS

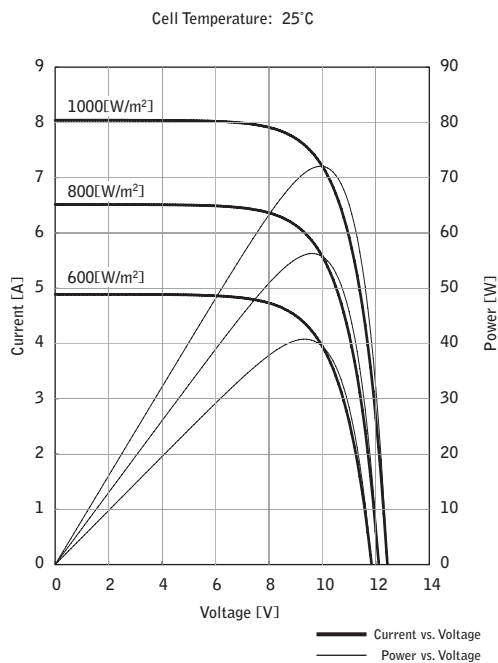
Dimensions (A x B x C below)	45.86" x 38.98" x 1.81" 1165mm x 990mm x 46mm
Weight	26.9lbs / 12.2kg
Packing Configuration	2 pcs per carton
Size of Carton	46.06" x 42.5" x 5.12" 1170mm x 1080mm x 130mm

ABSOLUTE MAXIMUM RATINGS

Operating Temperature	-40 to +194°F / -40 to +90°C
Storage Temperature	-40 to +194°F / -40 to +90°C

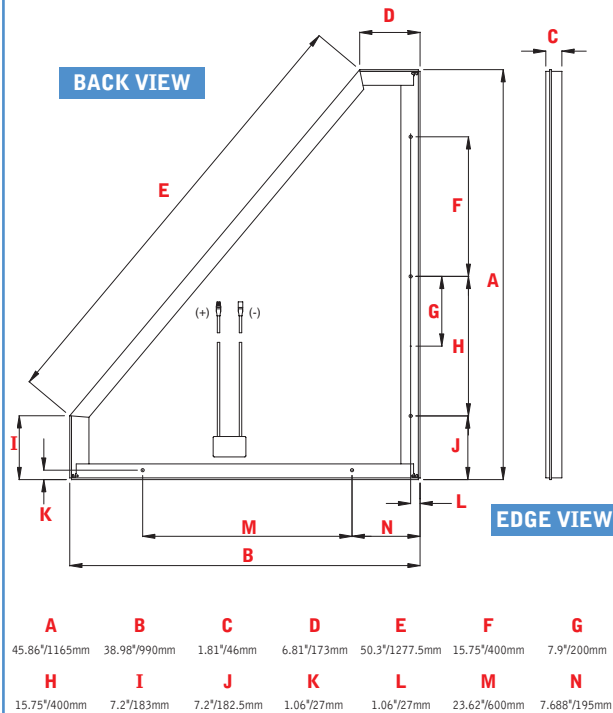
* (STC) Standard Test Conditions: 25°C, 1 kW/m², AM 1.5

IV CURVES



Current, Power vs. Voltage Characteristics

DIMENSIONS



Design and specifications are subject to change without notice.

In the absence of confirmation by product manuals, Sharp takes no responsibility for any defects that may occur in equipment using any Sharp devices. Contact Sharp to obtain the latest product manuals before using any Sharp device.

