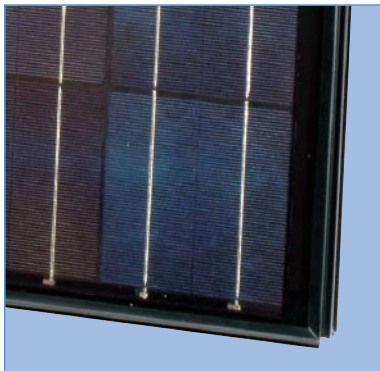


# 72 WATT

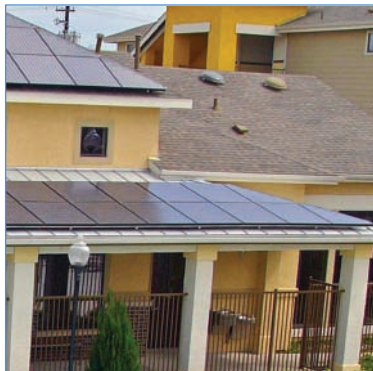
ATTRACTIVE LOOK. FLEXIBLE DESIGN

## LEFT AND RIGHT TRIANGULAR PHOTOVOLTAIC MODULES WITH 72W MAXIMUM POWER

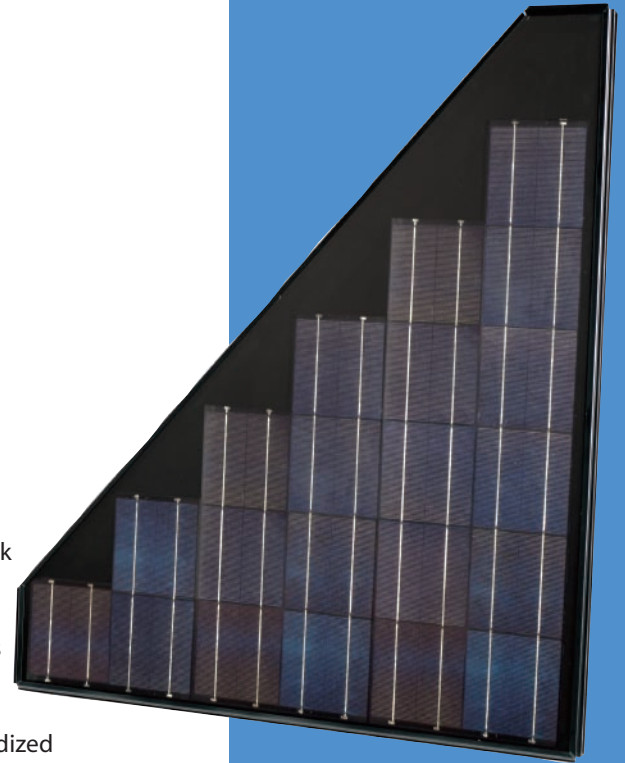
Sharp's new triangular photovoltaic modules offer the clean, pleasing look of a high-tech skylight while increasing design flexibility with balanced and attractive rooftop arrays. Engineered for use specifically with Sharp's SRS (Solar Racking System), these modules set a new standard in aesthetics for residential hip roofs and complex roof lines. 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-72ERUF/LUF triangular residential system modules are an ideal combination of form and function from the global leader in solar technology.



*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.*



## FEATURES

- High-power module (72W) using 156mm square poly-crystalline 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 SRS 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

## 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
Rated Power (Pmax)*	72W (+10% / -5%)
Maximum System Voltage	600VDC
Series Fuse Rating	15A
Type of Output Terminal	Lead Wire with MC Connector

\* (STC) Standard Test Conditions: 25°C, 1 kW/m<sup>2</sup>, AM 1.5

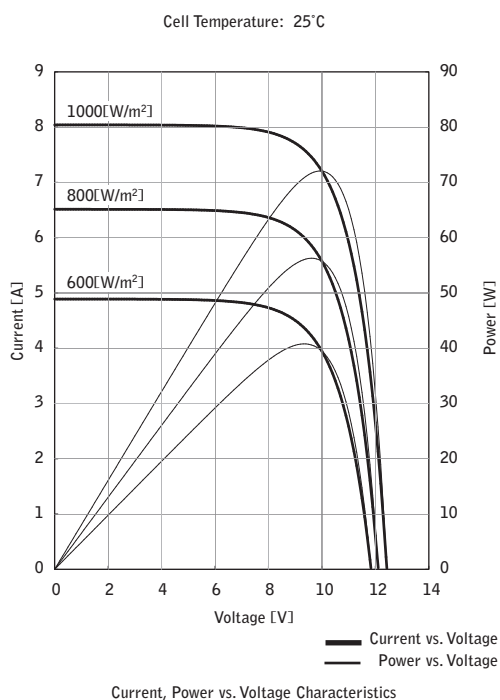
## MECHANICAL CHARACTERISTICS

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)
Size of Carton	46.06" x 42.5" x 5.12" (1170mm x 1080mm x 130mm)
Carton Quantity	2 pcs per carton

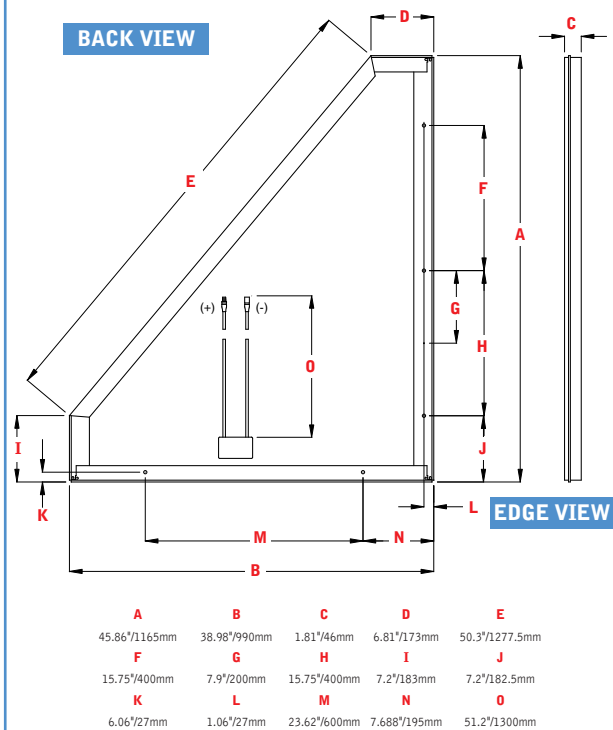
## ABSOLUTE MAXIMUM RATINGS

Operating Temperature (min to max, °F/°C)	-40 to 194°F / -40° to 90°C
Storage Temperature (min to max, °F/°C)	-40 to 194°F / -40° to 90°C

## IV CURVES



## DIMENSIONS



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