



SOLAR MODULES



SHARP MULTY CRYSTALLINE SILICON PV MODULES ND SERIES - ND-N148E3E

GENERAL DESCRIPTION

SHARP ND-N148E3E photovoltaic modules offer increased aesthetics and revolutionary design integration. These residential photovoltaic modules give the clean, attractive appearance of a high-tech skylight-while the black anodized aluminum frames, trim strips, and backing sheets blend beautifully with the home's exterior. In addition, an "LaHood 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 incorporates an advanced surface texturing process to increase light absorption and improve efficiency. And, as the global leader in solar manufacturing, Sharp has designed these modules with superb durability and efficiency to withstand extreme heat and high winds. Sharp's ND-N8E3EF is the perfect combination of technology and aesthetics.



APPLICATION

- Grid connected residential systems
- Office buildings
- Solar power stations
- Solar villages
- Villas, mountain cottages
- Pumps
- * Lighting Equipment
- * Traffic Signs
- * Radio relay stations
- * Telemeter systems
- * Beacons
- * Telecommunication systems

ELECTRICAL SPECIFICATIONS	ND-N148E3E
Power (Typical Watt)	148 Watts
Performance Standard	IEC 61646
Safety Standard	IEC 61730
Cell Type	Poly
Number of Cells	42 in series
Maximum Power	148 Watts
Open Circuite Voltage (Voc)	24.9 V
short Circuit Current (Isc)	8.09 A
Maximum Power Voltage (Vpm)	17.4 V
Maximum Power Current (Ipm)	7.48 A
Module Efficiency	12.31 %
Dimension L x W x D	1165 x 990 x 46 mm
Weight	14.5 Kg
Maximum System Voltage	600 V

* Dimensions may change subjected to solar cell size.
 * Errors expected and possible alterations without prior notice.

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