SHARP
World's Largest Manufacturers Of Solar Cells

SHARP THIN FLIM SOLAR PV MODULES NA SERIES - NA-901WQ

GENERAL DESCRIPTION

NA series thin-film photovoltaic modules consist of an amorphous and a microcrystalline silicon film. This microamorphous tandem structure absorbs not only the visible but also the invisible components of the sun's spectrum and leads to especially effective utilisation of solar energy.

All the Sharp NA series modules offer optimal system integration – both technically and economically and are suitable for installation in on-grid and off-grid systems.

FEATURES

* Tandem structure comprising of an amorphous and a microcrystalline silicon film with stabilised module efficiency of up to 8.5%
* The black module creates a harmonious appearance
* Higher energy yield per Watt both at high temperatures and with diffuse light
* Use of annealed glass, EVA plastic, weather-protection foil and anodised aluminium frame with water drainage holes for prolonged use
* Output: connection cable with water-protected plug connector

ELECTRICAL SPECIFICATIONS	NA - 901WQ
Power (Typical Watt)	90 Watts
Performance Standard	IEC 61646
Safety Standard	IEC 61730
Cell Type	Thin Film (A-Si+μ-Si)
Number of Cells	2
Maximum Power	90 Watts
Open Circuite Voltage (Voc)	65.2 V
short Circuit Current (Isc)	2.11 A
Maximum Power Voltage (Vpm)	49.3 V
Maximum Power Current (Ipm)	1.83 A
Module Efficiency	8.53 %
Dimension L x W x D	1129 x 934 x 46 mm
Weight	18.0 Kg
Maximum System Voltage	600 V

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

GREEN ENERGY LLC
GF 9&12, 4B Dubai Creek Tower
Dubai, UAE
Ph : +971 4 229 6629 / 228 2456
Fax : +971 4 221 5234 / 227 9525
info@ptlsolar.com

ptl solar™ Powering sustainable growth