



Solar Photovoltaic Modules

NEASE Solar Photovoltaic Module Specification Data			
Module Type	24V/175WP	24V/180WP	24V/200WP
Max. Power	175WP	180WP	200WP
Cell Type	Poly/Mono Crystalline Silicon Solar Cells		
No. Of Cell	72 Cell		
Max. System Voltage	1000V		
Power Tolerance	± 3%.		
Surface Maximum Load Capacity	60m/s(200kg/sq.m)		
Weight	16.5 kg		
Glass Dimensions	1500mm X 990mm X 3.2 mm		
Electrical Characteristic			
Open Circuit Voltage(Voc)	44A	44A	44A
Short Circuit Current(Isc)	5.53A	5.48A	6.08A
Max. Power Voltage(Vmax)	36V	36V	36V
Max. Power Current(Imax)	4.90A	5.05A	5.59A
Temp Coefficiencies Of Isc	20µA/°C/Cell area/C_P		
Temp Coefficiencies Of Voc	-2.2mv/°C/C_S		
Temp Coefficiencies Of Pm	-0.44%/°C		
Cell Efficiency (%)	>15%		
Module Efficiency	>11.5%	>12%	>13%
Operating Temperature	-40 to +85°C		

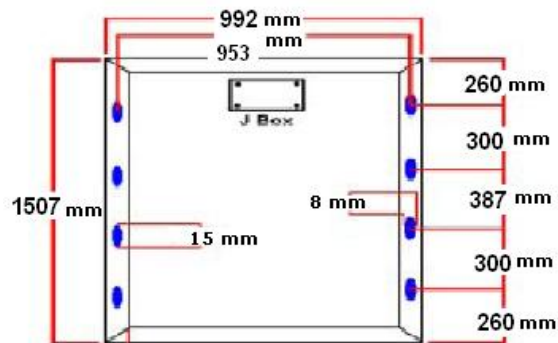
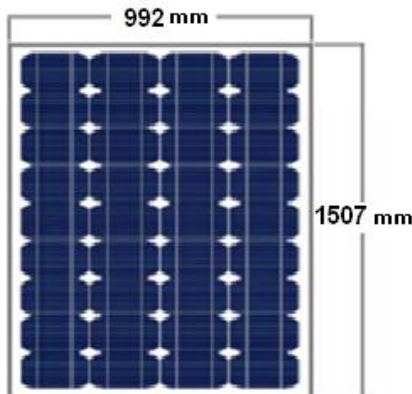
Features and Benefits

- ❖ Cells are laminated with EVA,TPT and tempered glass ensuring long life and the most stringent safety requirements For High voltage operation.
- ❖ Anodized aluminum frame with convenient mounting slots.
- ❖ Nominal 6VDC/ 12V DC / 20V / 24V DC for standard output.
- ❖ We are specialized in 18, 36, 54, 60, 72 cells solar modules.
- ❖ We are specialized in making black and transparent back-sheet solar module as well.
- ❖ Withstand high wind pressure and snow load.
- ❖ Output power tolerance of ± 3%.
- ❖ High efficiency solar cells.



*Conditions:(STC):Irradiance:1000W/m²,spectral distribution AM1.5,Cell temperature:25°C

Module Dimensions



Certification



MNRE
Channel
Partner



* NEASE reserves the right to amend the above specification without prior notice.

NEETY EURO-ASIA SOLAR ENERGY

B/4/1 GIDC Electronics Estate Sector – 25 Gandhinagar - 382024 Gujarat , India

Tel : +91-79-23287395,23287396 Fax : +91-79-23287394

Email: sales@nease.in & info@nease.in

Web Site: www.nease.in