



Solar Photovoltaic Modules

NEASE Solar Photovoltaic Module Specification Data

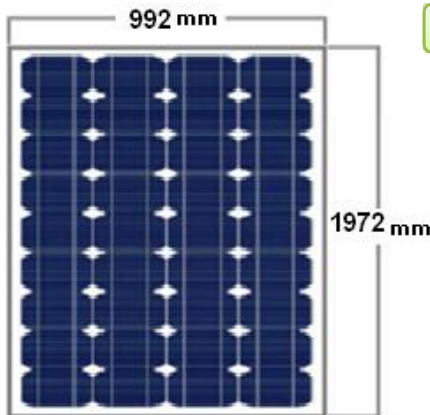
Module Type	24V/275WP	24V/300WP	24V/310WP
Max. Power	275WP	300WP	310WP
Cell Type	Poly/Mono Crystalline Silicon Solar Cells		
No. Of Cell	72 Cell		
Max. System Voltage	1000V		
Power Tolerance	± 3%.		
Surface Maximum Load Capacity	60m/s(200kg/sq.m)		
Weight	22.2 kg		
Glass Dimensions	1965 mm X 985 mm X 3.2 mm		
Electrical Characteristic			
Open Circuit Voltage(Voc)	44V	44V	44V
Short Circuit Current(Isc)	8.10A	9.00A	9.30A
Max. Power Voltage(Vmax)	36V	36V	36V
Max. Power Current(Imax)	7.40A	8.25A	8.50A
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	>14%	>15%	>15.5%
Operating Temperature	-40 to +85°C		

Features and Benefits

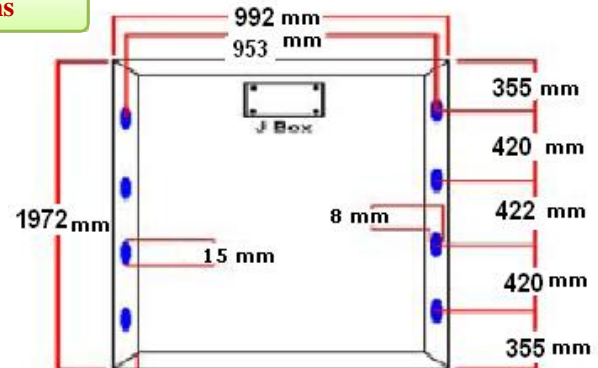
- ❖ Cells are laminated with EVA,TPT and tempered glass ensuring long life and the most stringent safety requirements For High voltage operation.
- ❖ Anodized aluminum frame with convenient mounting slots.
- ❖ Nominal 6VDC/ 12V DC / 20V / 24V DC for standard output.
- ❖ We are specialized in 18, 36, 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.

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