











Solar Photovoltaic Modules

NEASE Solar Photovoltaic Module Specification Data

Module Type	12V/74WP	12V/75WP	12V/80WP
Max. Power	74WP	75WP	80WP
Cell Type	Poly/Mono Crystalline Silicon Solar Cells		
No. Of Cell	36 Cell		
Max. System Voltage	1000V		
Power Tolerance	± 3%.		
Surface Maximum Load Capacity	60m/s(200kg/sq.m)		
Weight	6.8 kg		
Glass Dimensions	870 mm X 670 mm X 3.2 mm		
Electrical Characteristic			
Open Circuit Voltage(Voc)	21.5 V	21.5 V	21.5V
Short Circuit Current(Isc)	4.55 A	4.55A	4.85A
Max. Power Voltage(Vmax)	17.5V	17.5V	17.5V
Max. Power Current(Imax)	4.25A	4.25A	4.50A
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	>12%	>12%	>13.5%
Operating Temperature	-40 to +85°C		

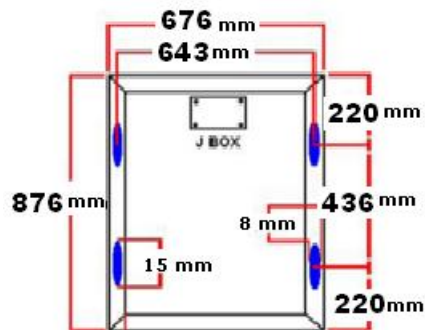
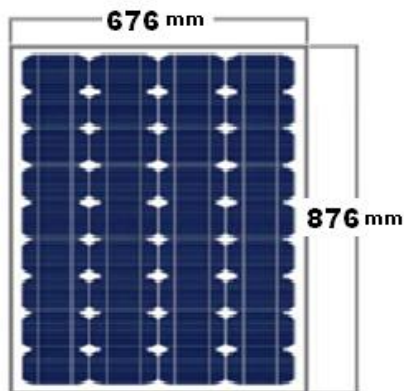
Features and Benefits

-  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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