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Solar Panel Guide

Specification Data Sheet

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NEASE Solar Photovoltaic Module Specification Data			
Module Type	06V/03WP	06V/05WP	12V/05WP
Max. Power	03WP	05WP	05WP
Cell Type	Poly-Crystalline Silicon Solar Cells		
No. Of Cell	18 Cell		36 Cell
Max. System Voltage	600V		700V
Power Tolerance	+3%		
Surface Maximum Load Capacity	60m/s(200kg/sq.m)		
Weight	1kg		
Glass Dimensions	280 mm X 220 mm X 3.2 mm		
Electrical Characteristic			
Open Circuit Voltage(V)	10.15 V	10.45 V	22.59 V
Short Circuit Current(A)	0.361 A	0.602 A	0.610 A
Max. Power Voltage(V)	8.39 V	8.45 V	17.16 V
Max. Power Current(A)	0.270 A	0.579 A	0.489 A
Temp Coefficiencies Of Isc(%)	0.033%/°C		
Temp Coefficiencies Of Voc(%)	-0.36%/°C		
Temp Coefficiencies Of Pm (%)	-0.44%/°C		
Cells Efficiency(%)	≥14.5%		
Operating Temperature	-40' to +85°C		

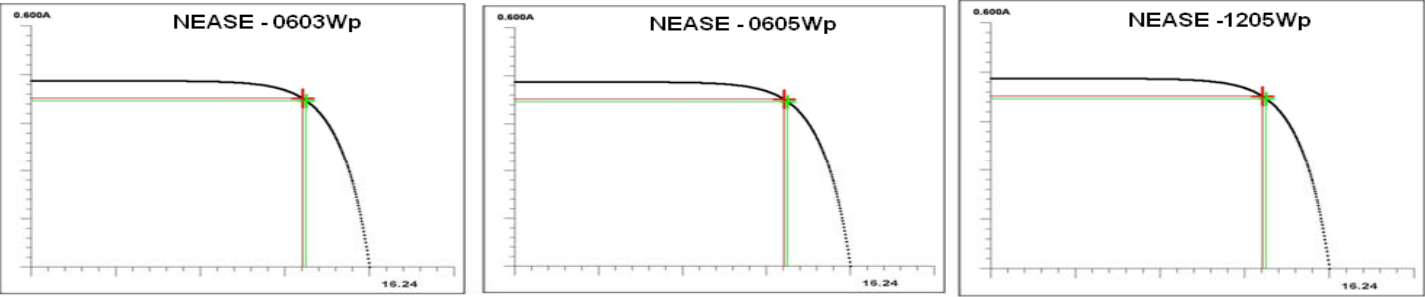
Features and Benefits

- ❖ 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.

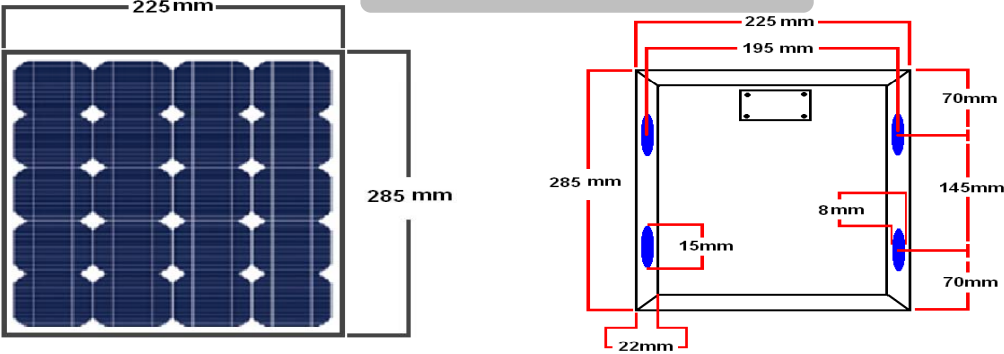
Guaranteed Performance**
10 Years Manufacturing Warranty
10 Years Warranty 90% Power Output
25 Years Warranty 80% power Output

*Conditions (STC):Irradiance:1000W/m^2,spectral distribution AM1.5,Cell temperature:25°C

Module I V Curve Diagrams



Module Dimensions in mm



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

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