



## NEASE Solar Photovoltaic Module Specification Data

Module Type	12V/24WP
Max. Power	24WP
Cell Type	Poly-Crystalline Silicon Solar Cells
No. Of Cell	36 Cell
Max. System Voltage	700V
Power Tolerance	+3%
Surface Maximum Load Capacity	60m/s(200kg/sq.m)
Weight	2.65kg
Glass Dimensions	640 mm X 340 mm X 3.2mm

## Electrical Characteristic

Open Circuit Voltage(V)	22.34 V
Short Circuit Current(A)	1.463 A
Max. Power Voltage(V)	18.29 V
Max. Power Current(A)	1.441 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

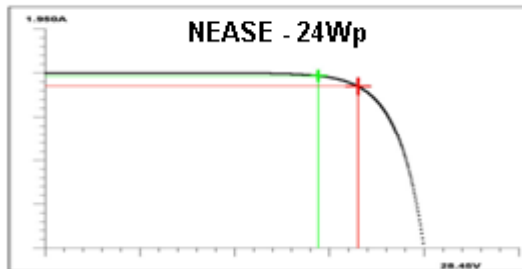
- ❖ Cells are laminated with EVA, TPT and tempered glass ensuring long life and the most stringent safety requirements For High voltage operation.
- ❖ Anodized aluminum frame with convenient mounting slots.
- ❖ Nominal 6VDC/ 12V DC / 20V / 24V DC for standard output.
- ❖ We are specialized in 18, 36,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

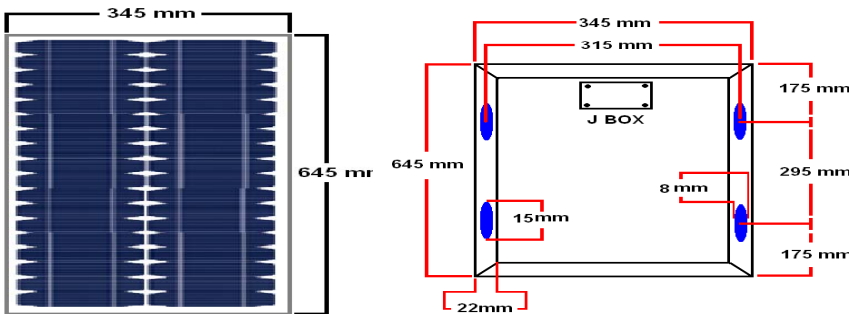
- 10 Years** Manufacturing Warranty
- 10 Years** Warranty 90% Power Output
- 25 Years** Warranty 80% power Output

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

## Module I V Curve Diagrams



## Module Dimensions



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

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