



NEASE Solar Photovoltaic Module Specification Data

Module Type	12V/15WP
Max. Power	15WP
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	2.10 K g
Glass Dimensions	425 mm X 345 mm X 3.2mm

Electrical Characteristic

Open Circuit Voltage(V)	22.05 V
Short Circuit Current(A)	0.955 A
Max. Power Voltage(V)	17.91 V
Max. Power Current(A)	0.850 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

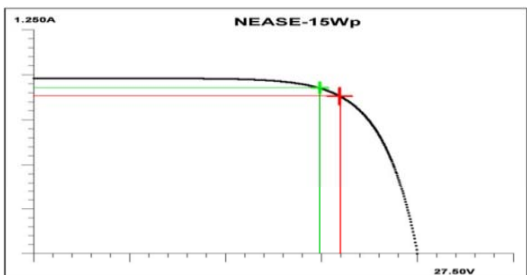
Features and Benefits

- ❖ 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.

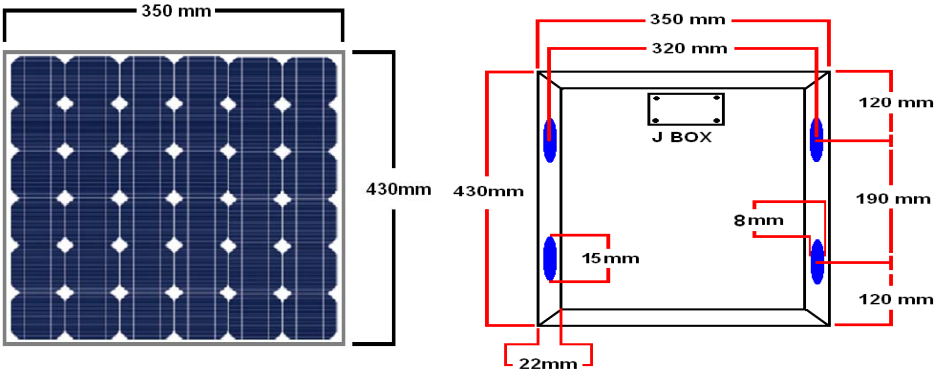
Guaranteed Performance**
10 Years Manufacturing Warranty
10 Years Warranty 90% Power Output
25 Years Warranty 80% power Output

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

Module I V Curve Diagrams



Module Dimensions



MNRE

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

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