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Solar Panel Guide Specification Data Sheet

**Neety Euro-Asia Solar Energy
12V/15-20WP
12V/18WP**

Also available on the web at
EnergyPal.com/neety-euro-asia-solar-energy-solar-panels/12v-18wp



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

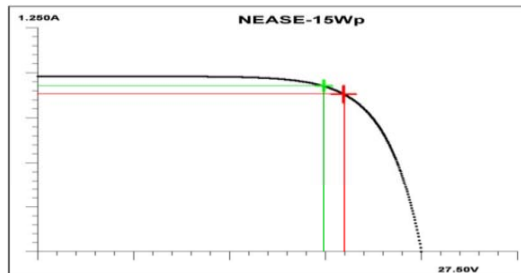
- ❖ Cells are laminated with EVA, TPT and tempered glass ensuring long life and the most stringent safety requirements For High voltage operation.
- ❖ Anodized aluminum frame with convenient mounting slots.
- ❖ Nominal 6VDC / 12V DC / 20V / 24V DC for standard output.
- ❖ We are specialized in 18, 36,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

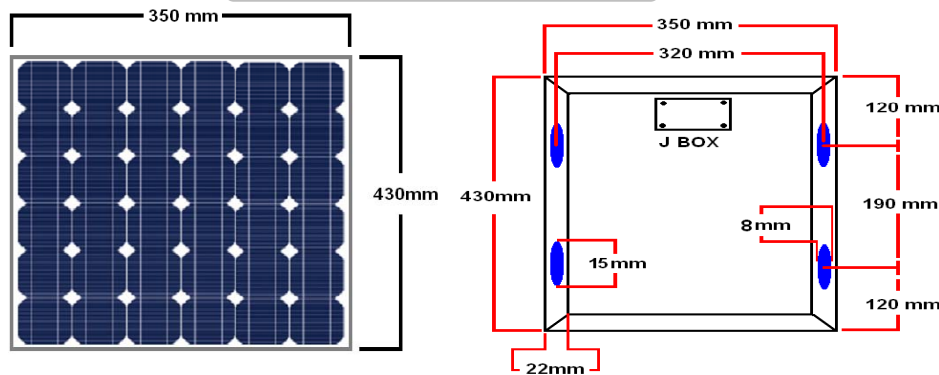
- 10 Years** Manufacturing Warranty
- 10 Years** Warranty 90% Power Output
- 25 Years** Warranty 80% power Output

*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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