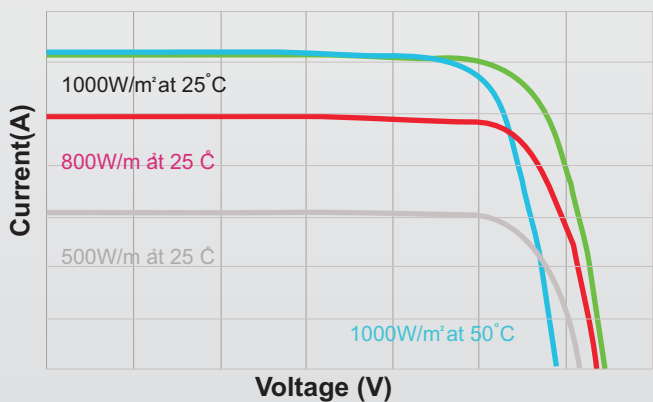


Features

- High efficiency 156mm poly crystalline cells
- High quality eva & back sheet to ensure high performance and provide good weather \ resistance for rugged environments.
- Anodized aluminum alloy frame and tempered & textured clear glass with low iron content to enhance high efficiency.
- Bypass diodes provided to avoid effect of partial shading.
- IEC61215, IEC61730 & IEC61701 certified
- An ISO 9001:2008 & ISO 14001:2004 certified production facility.
- PV module power rating from 3wp to 300wp
- 25 years limited warranty on power output. Output will be still 80% in 25 years, based on rated module performance less the negative tolerance.

| Electrical Specifications: | | |
|---|--------|--------|
| Product Description | SS-225 | SS-235 |
| Rated POWER Pmax - [W] | 225 | 235 |
| Rated Voltage Vmax - [V] | 28.90 | 29.90 |
| Rated Current Imax - [A] | 7.80 | 7.90 |
| Open Circuit Voltage Voc - [V] | 37.00 | 37.00 |
| Short Circuit Current Isc - [A] | 8.40 | 8.40 |
| Tolerance | ±3% | ±3% |
| Standard Test Conditions: Irradiance 1000 W/ m ² , Module temperature 25 °C, Spectrum AM 1.5 | | |



Current voltage dependence on Irradiance and module temperature.
this is only indicative showing affect of temperature and intensity on power

Temperature Coefficients

Voltage Voc : (- 0.379% of Voc / C)
Current Isc : (- 0.0396% of Isc / C)
Power Pmax : (- 0.48%/deg C)

Maximum system voltage : 1000VDC
Operating Module Temperature :
-40°C to +90°C
NOCT : 47°C ± 2°C

Certifications

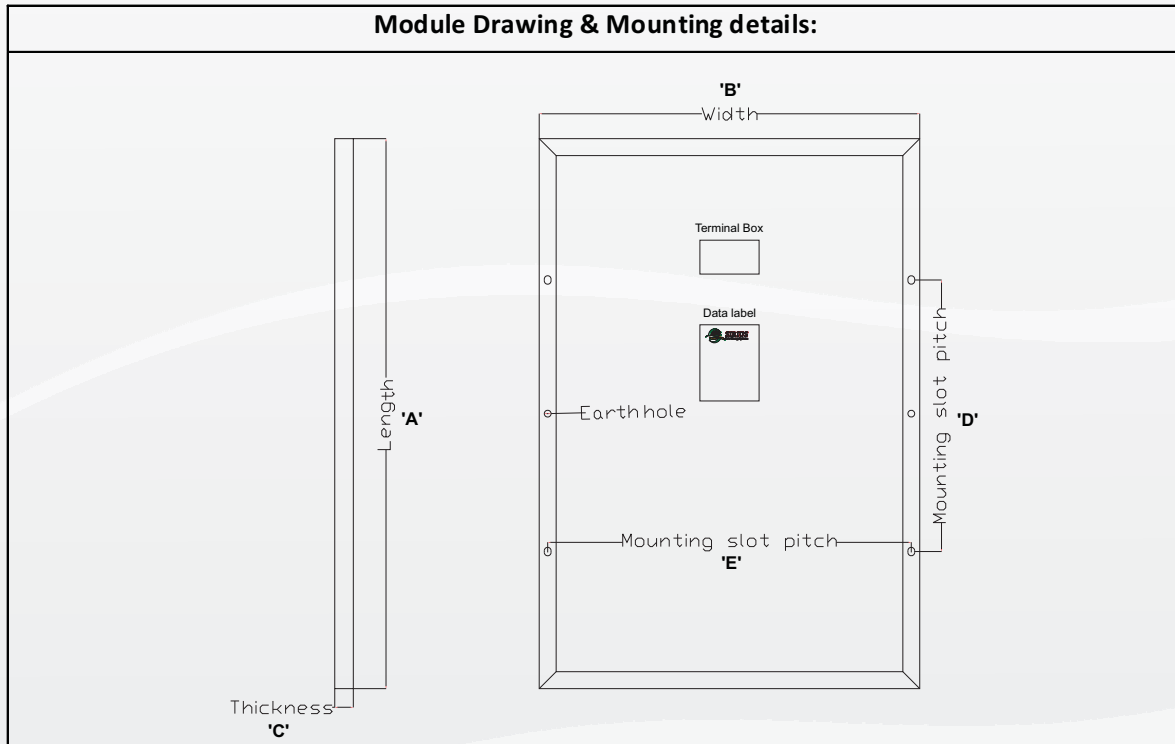


SIRIUS SOLAR ENERGY SYSTEMS Pvt.Ltd.

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Phone: 040 - 23065133, Fax No: +91-40-23064121, Cell:+91-9705922258

Email : marketing@siriussolarenergy.com, Web Site: www.siriussolarenergy.com



| Mechanical Specifications: | SS-225 | SS-235 |
|-----------------------------------|---------------|---------------|
| Length [mm] - A | 1657± 1 | 1657 ± 1 |
| Width [mm] - B | 987 ± 1 | 987 ± 1 |
| Thickness [mm] - C | 50 | 50 |
| Mounting slot [mm] - D | 1145 mm | 1145 mm |
| Mounting slot [mm] - E | 951 mm | 951 mm |
| Mounting hole (mm) | 12X10 | 12X10 |
| Earth hole | 4mm dia | 4mm dia |
| Aprox. weight [Kg] | 18.5 | 18.5 |
| No. of cells & Arrangement | 60 (6X10) | 60 (6X10) |

| Other Characteristics: | |
|-------------------------------|---|
| Cell type | High Efficiency Multi Crystalline Cells (156mm X 156mm) |
| Front Glass | Toughened Textured Glass |
| Glass thickness | 3.2 mm |
| Cell Encapsulation | EVA (Ethylene Vinyl Acetate) |
| Back sheet | Poly vinyl Fluoride |
| Frame | Silver Anodized Aluminum Alloy |
| Junction Box | 4 rail junction box |
| No.of Diodes | 3 |

specifications are subject to change without prior notice due to constant improvement in design & technology

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