

## SPECIFICATIONS

- 1) Power – 200 Wp
- 2) SRE 200MS AND SRE 200 Module is made with high efficiency (15.5% – 17.0%) multi crystalline silicon cell with silicon nitride anti-reflection coating.
- 3) High tempered, low iron, high transitivity glass.
- 4) Encapsulated by EVA from STR USA, high quality back Sheet, From Madico, USA are used for extended outdoor use.
- 5) IP-65 Junction Box with built in 3 bypass Diodes are used to minimize power drop cause by shade.
- 6) Framed with a strong, robust and anodized (+18 μ micron) aluminum profile with multiple holes for ease of installation as per customer's requirements.
- 7) Resistant to water, abrasion & hail impact.
- 8) Module are designed to meet IEC 61215 requirements
- 9) 25 Years limited warranty on power output as per international norm.

### ELECTRICAL CHARACTERISTICS

Cell	Multi crystalline silicone
Cell Size	156 mm square
No. of Cell and Connections	54 in series
Normal Operating Cell Temperature	47 °C
Maximum Series Fuse Rating	15 A
Maximum System Voltage	1000 V
Output Value Tolerance	±5 %
Maximum Power (Pmax)	200 Wp
Open Circuit Voltage (Voc)	32.85
Short Circuit Current (Isc)	8.23
Voltage at Maximum Peak Power (Vmpp)	26.2
Current at Maximum Power Power (Impp)	7.69
Standard Test Conditions (STC)	25 °C, 1 kW/m <sup>2</sup> , AM 1.5

### TEMPERATURE COEFFICIENT

Parameter	Multi Cell
Temperature Coefficient (Power)	-0.44 %/K
Temperature Coefficient (Current)	+4.38 mA/K
Temperature Coefficient (Voltage)	-2.17 mV/K

### MECHANICAL CHARACTERISTICS

Module Dimensions	1475 × 980 × 42 mm
Weight	16.5 Kg
Wind Loading	200 Km/hr
Frame	Natural +18micron anodized aluminum alloy type 63400 WP