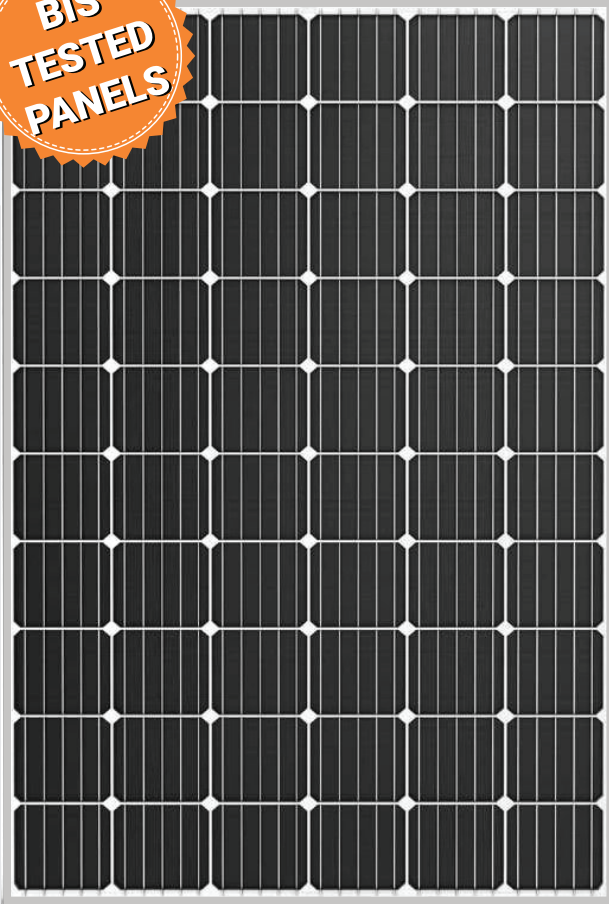


60 Cells Mono

290-320W (5BB)



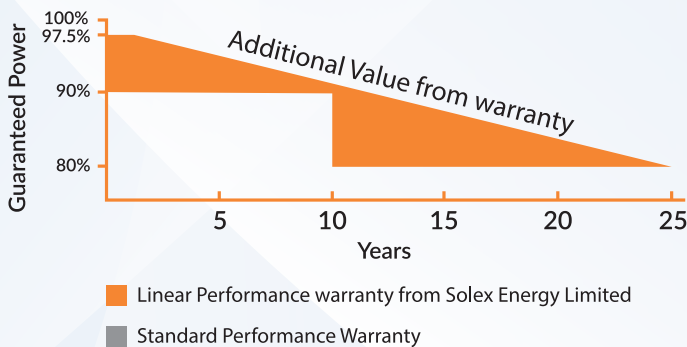
BIS TESTED PANELS



OUR FEATURES

- High Module efficiency through superior manufacturing technology
- No power loss due to improved temperature co-efficient
- Positive Power Tolerance 0+3W
- PID Resistant with long term reliability
- Strictly control the micro-crack of solar cells and the other non visible defect of internal modules
- Module can bear snow loads upto 5400Pa and wind loads upto 2400Pa
- Manufactured according to International Quality & Environment Management System
- Salt mist, Ammonia and Hail Resistant
- IP 67 rated Mc4 compatible connectors
- Using advanced low reflection and high light transmissions glass and cell sheet surface cutting technology, in the weak lightenvironment can also play a good performance

10 YEAR PRODUCT WARRANTY 25 YEAR POWER WARRANTY



*Design and Specifications are subject to change without notice.

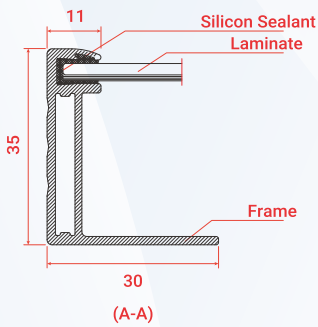
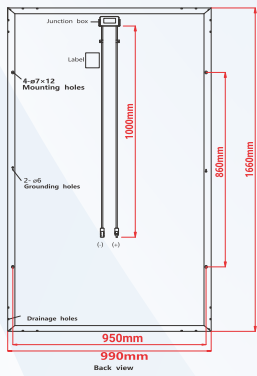
OUR CERTIFICATES



Electrical Characteristics STC*

MODEL NO	SESM20290	SESM20295	SESM20300	SESM20305	SESM20310	SESM20315	SESM20320
Rated Power (Pmax)	290 W	295 W	300 W	305 W	310 W	315 W	320 W
Voltage at Pmax (Vmp)	32.21 V	32.38 V	32.71 V	33.17 V	33.42 V	33.80 V	33.85 V
Current at Pmax (Imp)	9.05 A	9.15 A	9.18 A	9.20 A	9.30 A	9.35 A	9.50 A
Warranted Minimum Pmax	290 W	295 W	300 W	305 W	310 W	315 W	320 W
Short-Circuit Current (Isc)	9.60 A	9.70 A	9.75 A	9.77 A	9.90 A	9.92 A	9.95 A
Open-Circuit Voltage (Voc)	39.17 V	39.38 V	39.67 V	39.83 V	40.00 V	40.21 V	40.55 V
Module Efficiency	17.79 %	18.10 %	18.40 %	18.71 %	19.02 %	19.32 %	19.63 %
Operating Module Temperature	-45°C ~+85°C						
Maximum System Voltage	1000V						
Maximum Series Fuse Rating	15A						
Maximum Reverse Current	20A						
Power Tolerance	0 ~ +3W						

STC(Irradiance 1,000W/m2, module temperature 25°C, AM=1.5)

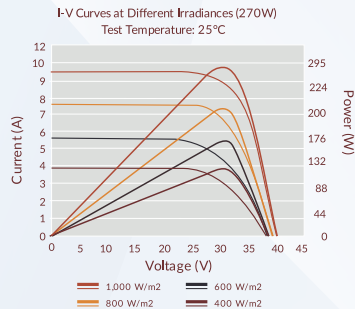


Mechanical Characteristics

Cell Type	Monocrystalline Size 156.75x156.75mm
Number of Cells	60(6x10)
Dimensions	1660x990x35mm
Weight	19kg
Front Cover	Tempered Glass with Anti Reflective Coating
Frame Material	Anodized Aluminium Alloy
Standard Packaing (Modules per Pallet)	26pcs

Maximum Ratings

Operating Temperature range	-45°C ~+85°C
Maximum system Voltage	1000V
Max series fuse rating	15A
Max front load (e.g.: snow)	5400Pa
Max back load (e.g.: wind)	2400Pa



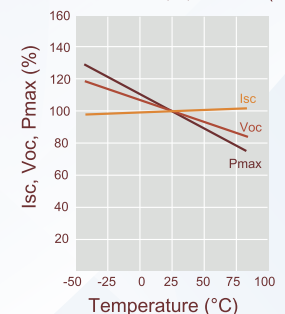
Temperature Characteristics

Nominal Operating Cell Temperature	45±2°C
Temperature Coefficient of Pmax	-0.42%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.06%/°C

Comprehensive Products And System Certificates

- IEC 61215 / IEC 61730-1&2 / IEC 62804 / UL 1703
- ISO 9001: Quality Management System
- ISO 14001: Environmental Management System
- ISO14064: Greenhouse gases Emissions Verification
- OHSAS 18001: Occupation Health and Safety Management System

Irradiance: AM 1.5, 1,000W/m²(270W)



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