

48 Cells Mono

200-235W (5BB)



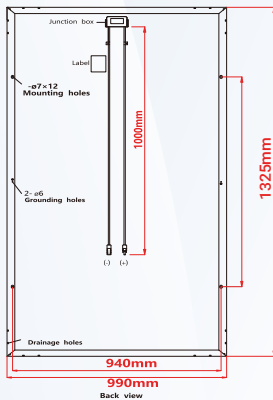
BIS TESTED PANELS



Electrical Characteristics STC*

MODEL NO	SESM 16 200	SESM 16 205	SESM 16 210	SESM 16 215	SESM 16 220	SESM 16 225	SESM 16 230	SESM 16 235
Rated Power (Pmax)	200 W	205 W	210 W	215 W	220 W	225 W	230 W	235 W
Voltage at Pmax (Vmp)	24.25 V	24.50 V	24.73 V	25.25 V	25.47 V	25.50 V	25.57 V	25.90 V
Current at Pmax (Imp)	8.25 A	8.40 A	8.50 A	8.55 A	8.65 A	8.85 A	9.00 A	9.10 A
Warranted Minimum Pmax	200 W	205 W	210 W	215 W	220 W	225 W	230 W	235 W
Short-Circuit Current (Isc)	8.75 A	8.95 A	9.10 A	9.15 A	9.23 A	9.35 A	9.49 A	9.70 A
Open-Circuit Voltage (Voc)	29.95 V	30.00 V	30.7 V	30.50 V	30.67 V	31.17 V	31.27 V	31.50 V
Module Efficiency	15.11%	15.48%	15.86%	16.24%	16.62%	16.99%	17.37%	17.75%
Operating Module Temperature	-40°C to + 85°C							
Maximum System Voltage	1,000V							
Maximum Series Fuse Rating	15A							
Maximum Reverse Current	20A							
Power Tolerance	0 ~ +5W							

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



Mechanical Characteristics

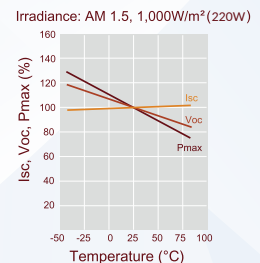
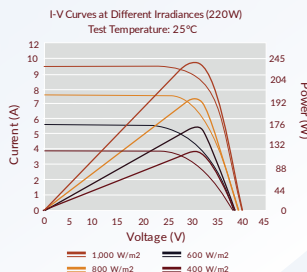
Cell Type	Monocrystalline Size 156.75 x 156.75mm
Number of Cells	48(6 x 8)
Dimensions	1325x990x35mm
Weight	18kg
Front Cover	Tempered Glass with Anti Reflective Coating
Frame Material	Anodized Aluminium Alloy
Standard Packing (Modules per Pallet)	26pcs

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



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