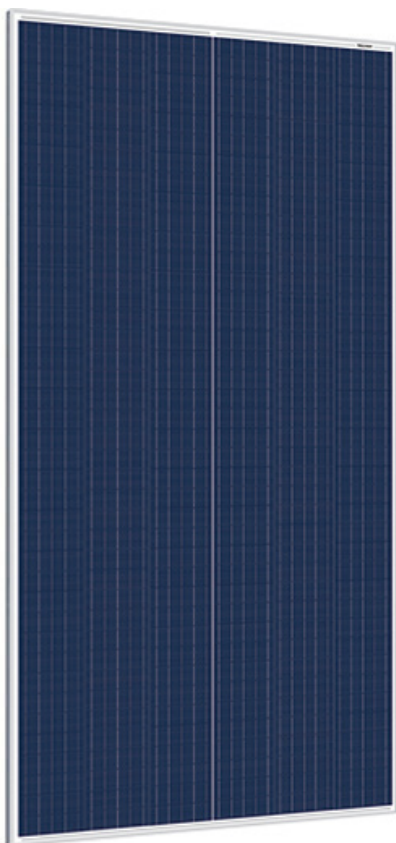


SEP 360/365/370/375/380/385/390 W Diamond



- Excellent efficiency – up to 18.67%
- Improved reliability and durability
- Positive power tolerance 0/+5W
- Bankable module
- PID free
- Advanced surface texturing
- Resistance to sand and dust abrasion
- Safety for salt mist and ammonia corrosion
- Outstanding power output capability at low irradiance
- Triple 100% EL tests
- 3800 Pa wind load and 5400 Pa snow load (900 kg snow load per module); 35 mm hail stones at 97 km/h

Certificates

CE-Compliant, IEC 61215-1 (ed.1), IEC 61215-1-1 (ed.1), IEC 61215-2 (ed.1), IEC 61730-1 (ed.2), IEC 61730-2 (ed.2), application class A, Safety Class II, UL 1703



Warranty

15 Years: Manufacturing Warranty
12 Years Warranty: 90% Power Output
25 Years Warranty: 80% Power Output

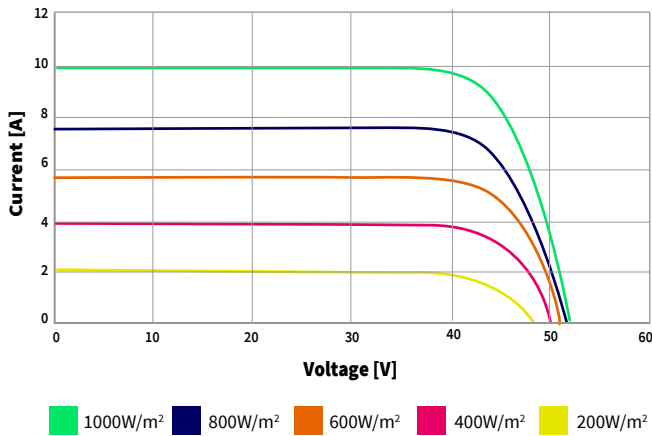
Mechanical Characteristics

Solar Cells	Poly-crystalline silicon
Module Dimensions	2125 × 983 × 40 mm
Weight	23.5 kg
Front Glass	3.2 mm high transmittance, reinforced glass
Backsheet	Anti-aging film
Frame	Anodized aluminum alloy
Junction Box	IP67
Output Cables	4.0 mm ² PV special cable
Connectors	MC4 compatible

Electrical Characteristics

Model	SEP 360 Diamond	SEP 365 Diamond	SEP 370 Diamond	SEP 375 Diamond	SEP 380 Diamond	SEP 385 Diamond	SEP 390 Diamond
Performance at Standard Test Conditions (STC): 1000 W/m², 25°C, AM 1.5							
Maximum Power (Pmax)	360 W	365 W	370 W	375 W	380 W	385 W	390 W
Operating Voltage (Vmpp)	42.61 V	42.80 V	42.98 V	43.16 V	43.34 V	43.51 V	43.68 V
Operating Current (Impp)	8.45 A	8.53 A	8.61 A	8.69 V	8.77 V	8.85 V	8.93 V
Open-Circuit Voltage (Voc)	50.84 V	51.02 V	51.25 V	51.48 V	51.71 V	51.93 V	52.15 V
Short-Circuit Current (Isc)	8.91 A	8.99 A	9.07 A	9.15 A	9.23 A	9.31 A	9.39 A
Module Efficiency	17,23%	17,47%	17,71%	17,95%	18,19%	18,43%	18,67%
Performance at Nominal Module Operating Temperature (NMOT)							
Maximum Power (Pmax)	266 W	271 W	276 W	281 W	286 W	288 W	295 W
Operating Voltage (Vmpp)	37.79 V	38.00 V	38.03 V	38.07 V	38.11 V	38.15 V	38.19 V
Operating Current (Impp)	7.04 A	7.16 A	7.27 A	7.39 A	7.51 A	7.57 A	7.75 A
Open-Circuit Voltage (Voc)	46.48 V	47.00 V	47.04 V	47.09 V	47.14 V	47.18 V	47.23 V
Short-Circuit Current (Isc)	7.53 A	7.61 A	7.69 A	7.76 A	7.84 A	7.88 A	8.00 A
Power Tolerance				0 / +5 W			
Maximum System Voltage				1000 V			
Temperature Characteristics							
Temp. Coefficient at Pmax				- 0.365 % / °C			
Temp. Coefficient at Voc				- 0.303 % / °C			
Temp. Coefficient at Isc				0.059% / °C			
Nominal Operating Cell Temp.				42 ± 3 °C			
Operating Temp.				-40 °C to 85 °C			

Current-Voltage Curve (390W)



Power-Voltage Curve (390W)

