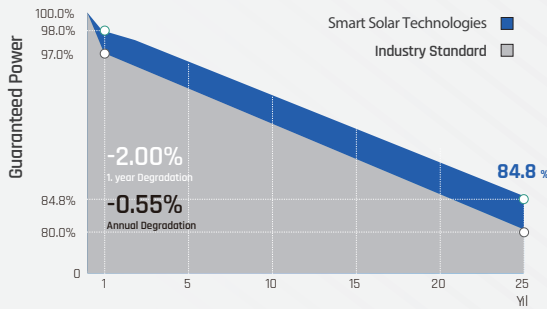
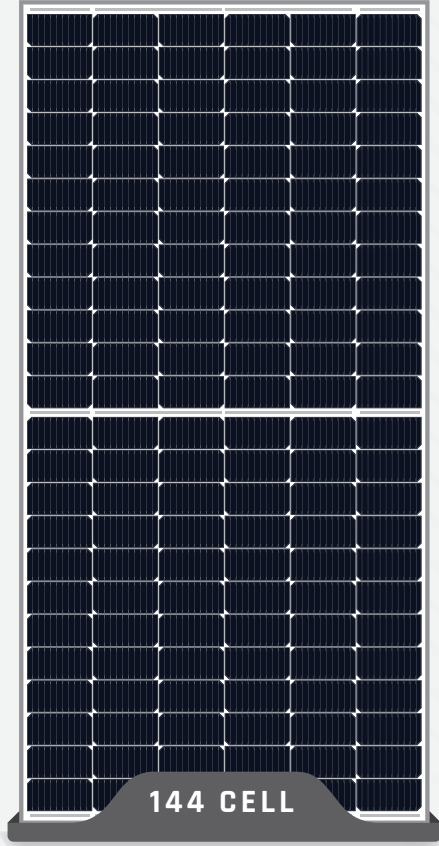




545-565W

Bifacial SmartTwin Module

MonoPerc M10-10BB

Extraordinary Product Performance

- Up to 25% additional power yield benefited from bifacial technology
- Lower power loss in cell connection and under shading conditions
- Competitive high-temperature performance with ameliorated temperature coefficient
- Higher power generation with multi-busbar and half-cut technology

High Quality Reliability

- Optimized electrical design lowers hot spot risk and operating current
- Corrosion resistance guarantees enhanced reliability in harsh environments
- Minimized Risk of microcrack and snail trail

Easy Installation

- Framed design improves mounting and racking method compatibility
- Safer and easier handling during transportation and installation

PID Resistant

- Industry-leading cell processing technology and electrical design ensures solid PID resistance

ELECTRICAL TYPICAL VALUES	Model	SS545M8H-24/TH		SS550M8H-24/TH		SS555M8H-24/TH		SS560M8H-24/TH		SS565M8H-24/TH	
	Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
	Rated Power (Pmpp)	545	411	550	414	555	418	560	422	565	426
	Rated Current (Impp)	13.15	10,63	13.24	10,71	13.33	10,80	13.42	10,88	13,51	10,96
	Rated Voltage (Vmpp)	41.45	39,38	41.55	39,47	41.64	39,56	41.73	39,65	41,83	39,74
	Short Circuit Current (Isc)	13.72	11,06	13.82	11,14	13.92	11,23	14.02	11,31	14,12	11,39
	Open Circuit Voltage (Voc)	49.49	46,76	49.59	46,85	49.69	46,95	49.79	47,04	49,89	47,13
	Efficiency	21,09%		21,29%		21,48%		21,68%		21,87%	

BIFACIALITY	Maximum Power (Pmax)	593		598		604		609		615	
	Optimum Operating Current (Impp)	14,31		14,39		14,51		14,59		14,70	
	Optimum Operating Voltage (Vmpp)	41,45		41,55		41,64		41,73		41,83	
	Short Circuit Current (Isc)	14,98		15,08		15,19		15,25		15,37	
	Open Circuit Voltage (Voc)	49,49		49,59		49,69		49,79		49,90	

TEMPERATURE RATINGS	Tolerance	0~+5w
	NOCT	45±2°C
	Voltage Temperature Coefficient	-0.28%/°C
	Current Temperature Coefficient	+0.05%/°C
	Power Temperature Coefficient	-0.35%/°C
	Bifaciality	70±5%

Standart Test Conditions (STC): Irradiance 1000W/m², AM 1.5, Cell Temperature 25°C
Nominal Operation Cell Temperature (NOCT): Irradiance 800W/m²,
Ambient Temperatur 20°C, Spectra at AM1.5, Wind 1m/s

ABSOLUTE MAX RATING	Operating Temperature	From -40 to +85°C
	Hail Diameter @ 80km/h	Up to 25mm
	Front Side Maximum Static Loading	5400 Pa
	Rear Side Maximum Static Loading	2400 Pa
	Maksimum Series Fuse Rating	25A or 30A
	PV Module Classification	II
	Fire Rating (IEC61730)	C
	Maksimum System Voltage	DC 1500V

MECHANICAL CHARACTERISTICS	Dimension (L × W × H)	Length: 2278mm Width: 1134mm Height: 35mm
	Weight	28.0kg
	Cell Type	Monocrystalline 182 x 91mm
	Front Glass	3.2mm tempered glass
	Frame	Anodized aluminium alloy
	Cable	4mm² (IEC), [+]: 450mm,[-]: 250mm or Customized Length *The requested cable length must be specified before the offer.
	Junction Box	IP 68 Rated

ELECTRICAL CHARACTERISTIC

