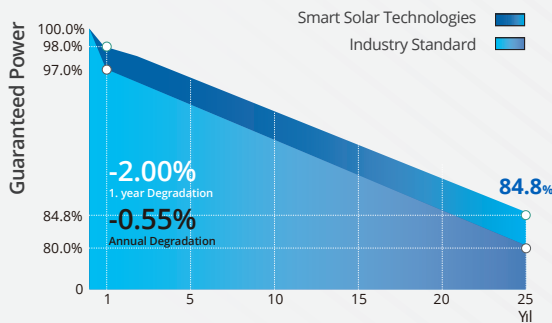


540-560W

Bifacial High Efficiency Half-Cut MonoPerc 10BB

12
Year
Product
Warranty

25
Year
Linear
Performance
Warranty



Anti - PID



Better Shading
Tolerance



More Power

Low temperature coefficient
(Pmax): -0.35%/°C



Current Classification

Increases generation
power in PV plants



More Reliable

Low hot-spot effect



25 Year Warranty

12 year product warranty
25 year linear performance warranty

ELECTRICAL TYPICAL VALUES

Model	PS540M8-24/TH PS540M8H-24/TH		PS545M8-24/TH PS545M8H-24/TH		PS550M8-24/TH PS550M8H-24/TH		PS555M8-24/TH PS555M8H-24/TH		PS560M8-24/TH PS560M8H-24/TH	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (Pmpp)	540	402	545	405	550	409	555	413	560	417
Rated Current (Imp)	13.06	10.55	13.15	10.63	13.24	10.70	13.33	10.77	13.42	10.84
Rated Voltage (Vmpp)	41.35	38.07	41.45	38.16	41.55	38.25	41.64	38.34	41.73	38.42
Short Circuit Current (Isc)	13.62	11.00	13.72	11.09	13.82	11.17	13.92	11.25	14.02	11.33
Open Circuit Voltage (Voc)	49.39	46.62	49.49	46.72	49.59	46.81	49.69	46.91	49.79	47.00
Module Efficiency (%)	20.90		21.10		21.29		21.48		21.68	

BIFACIALITY

5%	Maximum Power (W)	559	564	569	574	580
	Module Efficiency (%)	21.64	21.84	22.04	22.24	22.44
15%	Maximum Power (W)	597	602	608	613	619
	Module Efficiency (%)	23.10	23.31	23.53	23.74	23.95
25%	Maximum Power (W)	635	640	646	652	658
	Module Efficiency (%)	24.56	24.79	25.02	25.24	25.47

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%

PACKAGING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	155	620

Standart Test Conditions (STC): Irradiance 1000W/m2, AM 1.5, Cell Temperatur 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	5400Pa
Rear Side Maximum Static Loading	2400Pa
Maksimum Series Fuse Rating	25A
PV Module Classification	II
Fire Rating (IEC61730)	C
Maksimum System Voltage	DC 1000V/1500V

MECHANICAL CHARACTERISTICS

Dimension (L x W x H)	Length: 2278mm (89.69 inch) Width: 1134mm (44.65 inch) Height: 35mm (1.38 inch)
Weight	28.0kg (61.72 lbs)
Cell Type	Monocrystalline 182 x 91mm
Front Glass	3.2mm toughened glass
Frame	Anodized aluminium alloy
Cable	4mm ² (IEC), (+): 450mm, (-): 250mm or Customized Length <small>*The requested cable length must be specified before the offer.</small>
Junction Box	IP 68 Rated

ELECTRICAL CHARACTERISTIC

