

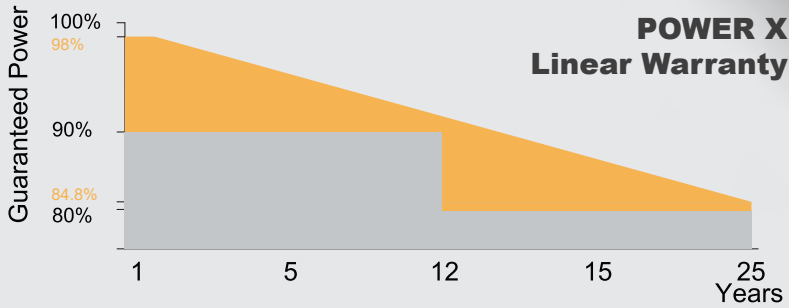
PX3-535 - 560W

210mm 110Cells MBB PV Solar Module

21.24%
MAXIMUM EFFICIENCY

0.55%
YEARLY DEGRADATION

PERC HALF CUT CELL



12 Years
Material & Craft
Quality assurance

12 Years
90% Output
Power guarantee

25 Years
80% Output
Power guarantee



Excellent Low-light Performance



100% Inspection Guarantee Reliability



12BB technology reduce the distance between busbars and finger grid line which is benefit to power increase



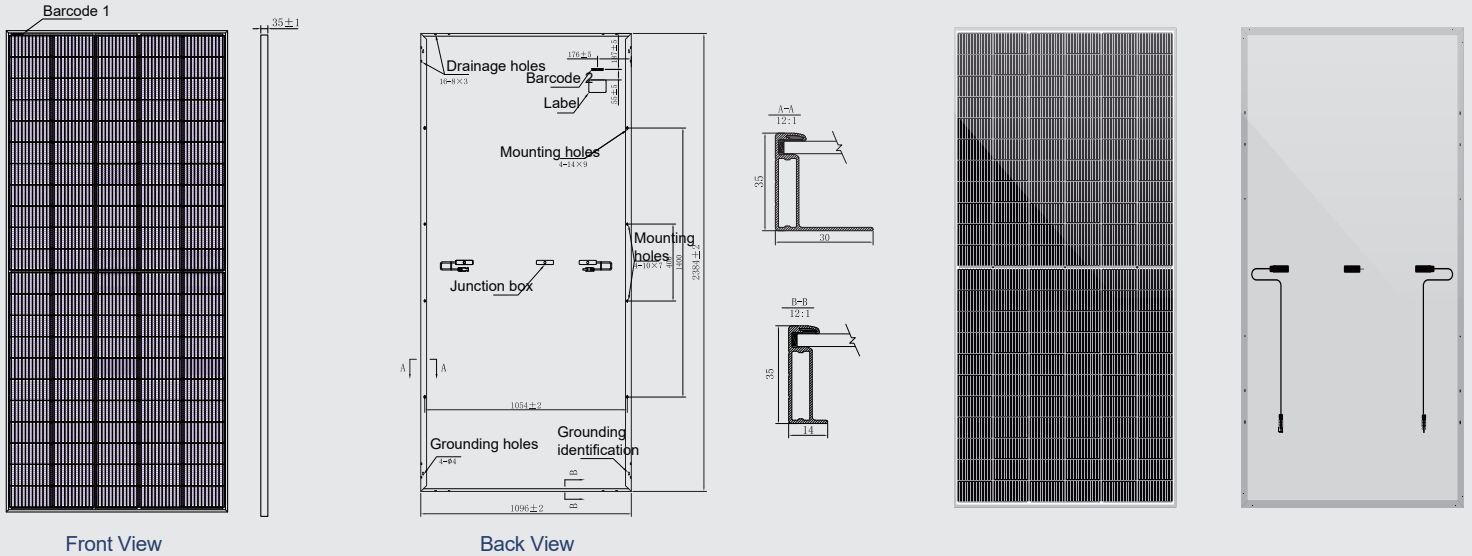
High Density Packaging



Strengthened Mechanical Load

POWER X





*Remark: customized frame color and cable length available upon request

Electrical Characteristics (STC/NOCT)

Module Type	PX3-535		PX3-540		PX3-545		PX3-550		PX3-555		PX3-560	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	535	402.20	540	406.0	545	409.70	550	413.50	555	417.30	560	420.90
Open Circuit Voltage - Voc(V)	37.50	35.20	37.70	35.40	37.90	35.60	38.10	35.80	38.30	36.00	38.50	36.10
Short- Circuit Current - Isc(A)	18.16	14.66	18.21	14.70	18.26	14.74	18.31	14.78	18.36	14.82	18.41	14.86
Voltage at Pmax -Vmp(V)	31.00	29.10	31.20	29.30	31.40	29.50	31.60	29.70	31.80	29.90	32.00	30.00
Current at Pmax - Imp(A)	17.26	13.80	17.31	13.84	17.36	13.88	17.41	13.93	17.46	13.97	17.50	14.01
Module Efficiency -ηm(%)	20.48 /		20.67 /		20.86 /		21.05 /		21.24 /		21.43 /	
Power Tolerance(W)	(0, +4.99W)											
Maximum System Voltage(V)	1500Vdc (IEC / UL)											
Maximum Series Fuse Rating (A)	30A											

STC : Irradiance 1000W/m², Module Temperature 25±2 °C, AM 1.5 NOCT : Irradiance 800W/m², Ambient Temperature 20 °C, AM 1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2384×1096×35 mm (With Frame)
Weight	28±1 kg
Solar Cells	Mono crystalline 210mm (5×22)
Front Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Output Cables	4 mm ² , 350 mm (With Connectors)
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

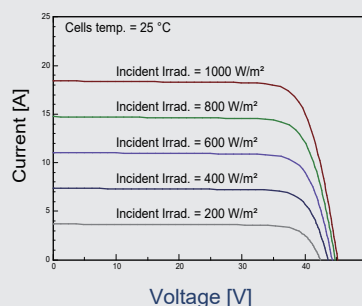
Temperature Characteristics

Pmax Temperature Coefficient	-0.34%/ °C
Voc Temperature Coefficient	-0.29%/ °C
Isc Temperature Coefficient	+0.05%/ °C
Operating Temperature	-40 °C ~ +85 °C
Nominal Operating Cell Temperature(NOCT)	43 °C ±2 °C

Packing Configuration

External Dimensions	2384×1096×35 mm (With Frame)
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	20
Pieces per Container	620

I-V CURVES OF PV MODULE(545W)



P-V CURVES OF PV MODULE(545W)

