

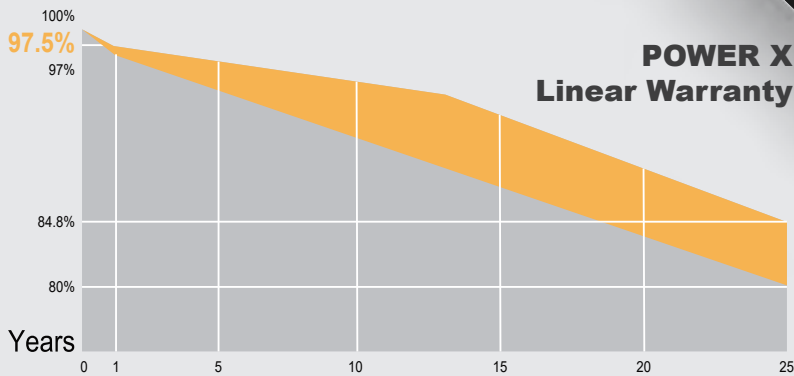
PXB1-395-410W

166mm 132Cells MBB All Black PV Solar Module

20.50%
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



9BB technology reduce the distance between busbars and finger grid line which is benefit to power increase



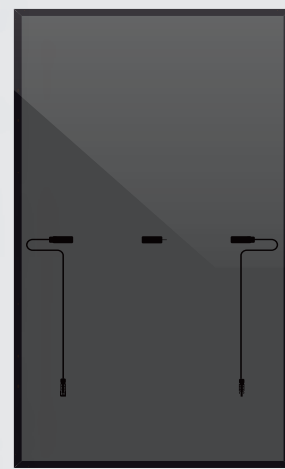
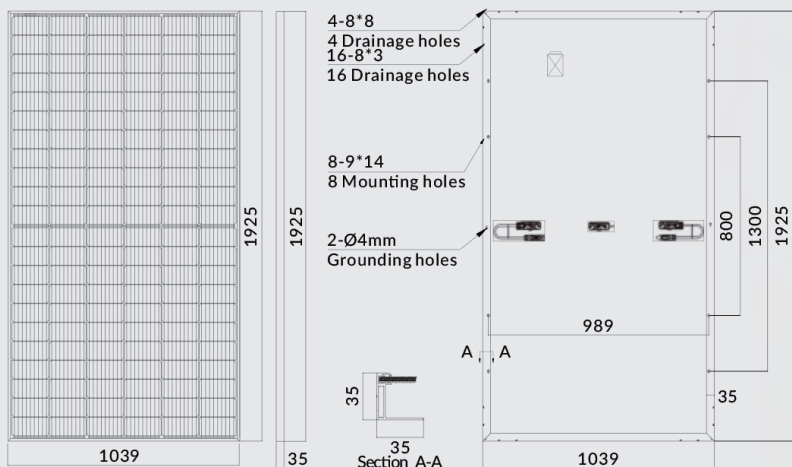
High Density Packaging



Strengthened Mechanical Load

POWER X





Electrical Characteristics (STC/NOCT)

Module Type	PXB1-395		PXB1-400		PXB1-405		PXB1-410	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	395	287	400	290	405	293	410	296
Open Circuit Voltage - Voc(V)	45.56	38.97	45.79	39.03	46.01	39.10	46.23	39.17
Short- Circuit Current - Isc(A)	11.19	9.47	11.26	9.53	11.32	9.59	11.39	9.65
Voltage at Pmax -Vmp(V)	36.93	31.82	37.17	31.94	37.41	32.06	37.64	32.17
Current at Pmax - Imp(A)	10.70	9.02	10.76	9.08	10.83	9.14	10.89	9.20
Module Efficiency -ηm(%)	19.75%/		20.00%/		20.00%/		20.50%/	
Power Tolerance(W)	(0, +5W)							
Maximum System Voltage(V)	1500Vdc (IEC / UL)							
Maximum Series Fuse Rating (A)	20A							
STC : Irradiance 1000W/m², Module Temperature 25±2℃, AM 1.5			NOCT : Irradiance 800W/m²,Ambient Temperature 20℃,AM 1.5,Wind Speed 1m/s					

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	1925 x 1039 x 35 mm (With Frame)
Weight	21.0 kg
Solar Cells	Mono crystalline 166mm (6x22)
Front Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Output Cables	4 mm ² , 300 mm (With Connectors)
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

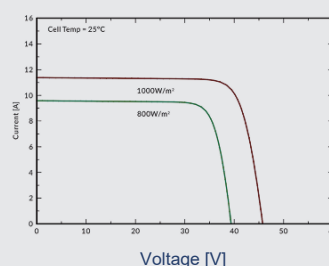
Temperature Characteristics

Pmax Temperature Coefficient	-0.36%/C
Voc Temperature Coefficient	-0.28%/C
Isc Temperature Coefficient	+0.05%/C
Operating Temperature	40°C to +85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Packing Configuration

1925 x 1039 x 35mm (With Frame)	
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	26
Pieces per Container	806

I-V CURVES OF PV MODULE(410W)



P-V CURVES OF PV MODULE(410W)

