

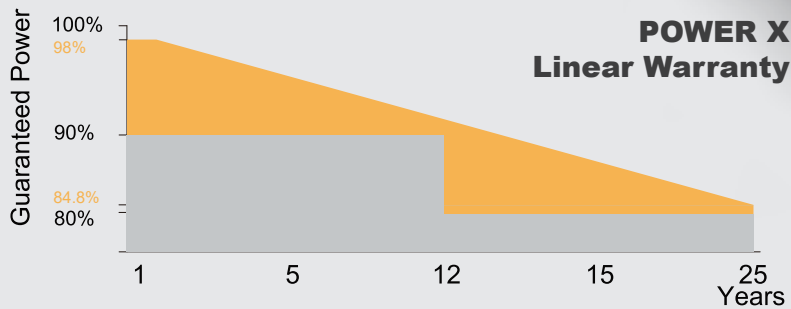
PX2-395 -415W

182mm 108Cells MBB PV Solar Module

21.25%
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



10BB technology reduce the distance between busbars and finger grid line which is benefit to power increase



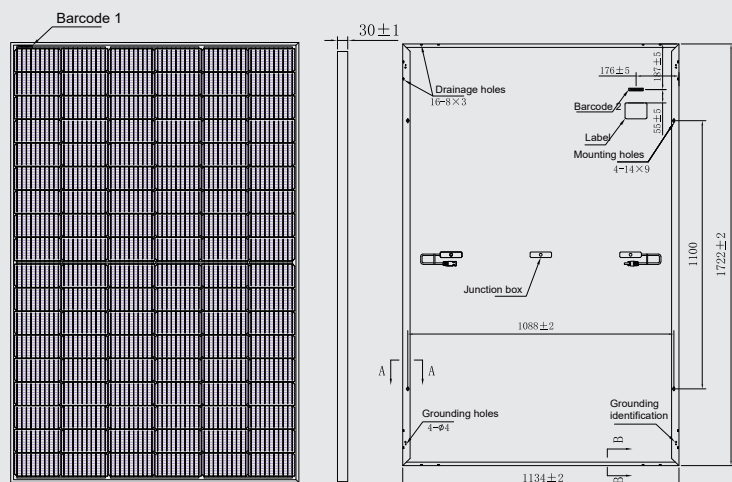
High Density Packaging



Strengthened Mechanical Load

POWER X

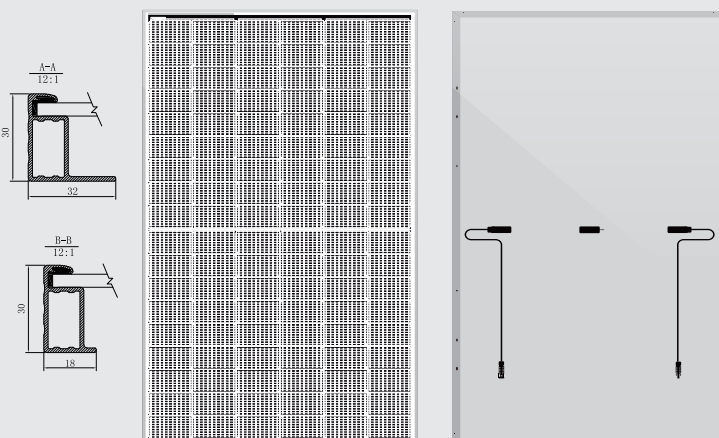




Front View

[Back View](#)

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



Electrical Characteristics (STC/NOCT)

Module Type	PX2-395		PX2-400		PX2-405		PX2-410		PX2-415	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	395	295.20	400	299.00	405	302.70	410	306.30	415	310.10
Open Circuit Voltage - Voc(V)	36.90	34.50	37.10	34.70	37.30	34.80	37.50	35.00	37.70	35.20
Short- Circuit Current - Isc(A)	13.63	11.01	13.70	11.06	13.77	11.12	13.84	11.18	13.91	11.23
Voltage at Pmax -Vmp(V)	30.70	28.50	30.90	28.70	31.10	28.90	31.30	29.10	31.50	29.30
Current at Pmax - Imp(A)	12.87	10.35	12.95	10.41	13.03	10.47	13.10	10.53	13.18	10.59
Module Efficiency -ηm(%)	20.23 /		20.48 /		20.74 /		21.00 /		21.25 /	
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	25A									

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	1722 ×1134×30 mm (With Frame)
Weight	20.5±1 .0 kg
Solar Cells	Mono crystalline 182mm (6×18)
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

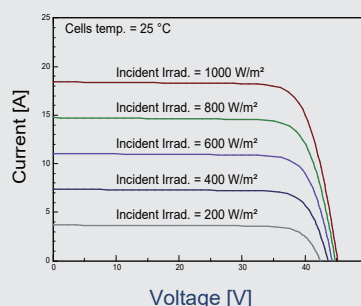
Temperature Characteristics

Pmax Temperature Coefficient	-0.35%/°C
Voc Temperature Coefficient	-0.29%/°C
Isc Temperature Coefficient	+0.05%/°C
Operating Temperature	-40 °C ~+85 °C
Nominal Operating Cell Temperature(NOCT)	44 °C ±2 °C

Packing Configuration

1722 x1134x30 mm (With Frame)	
Container	40'HQ
Pieces per Pallet	36
Pallets per Container	26
Pieces per Container	936

I-V CURVES OF PV MODULE(400W)



P-V CURVES OF PV MODULE(400W)

