

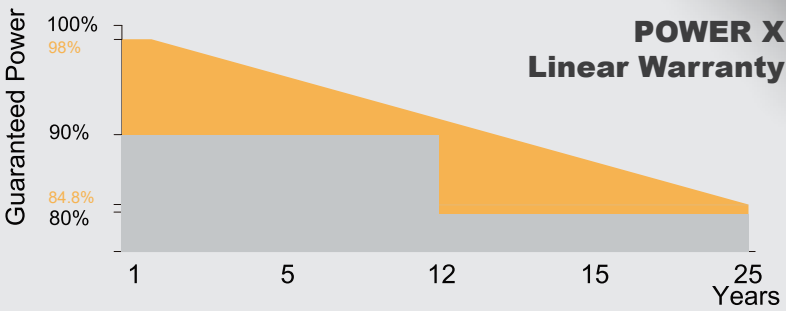
PX1-360 - 385W

166mm 120Cells MBB PV Solar Module

21.13%
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



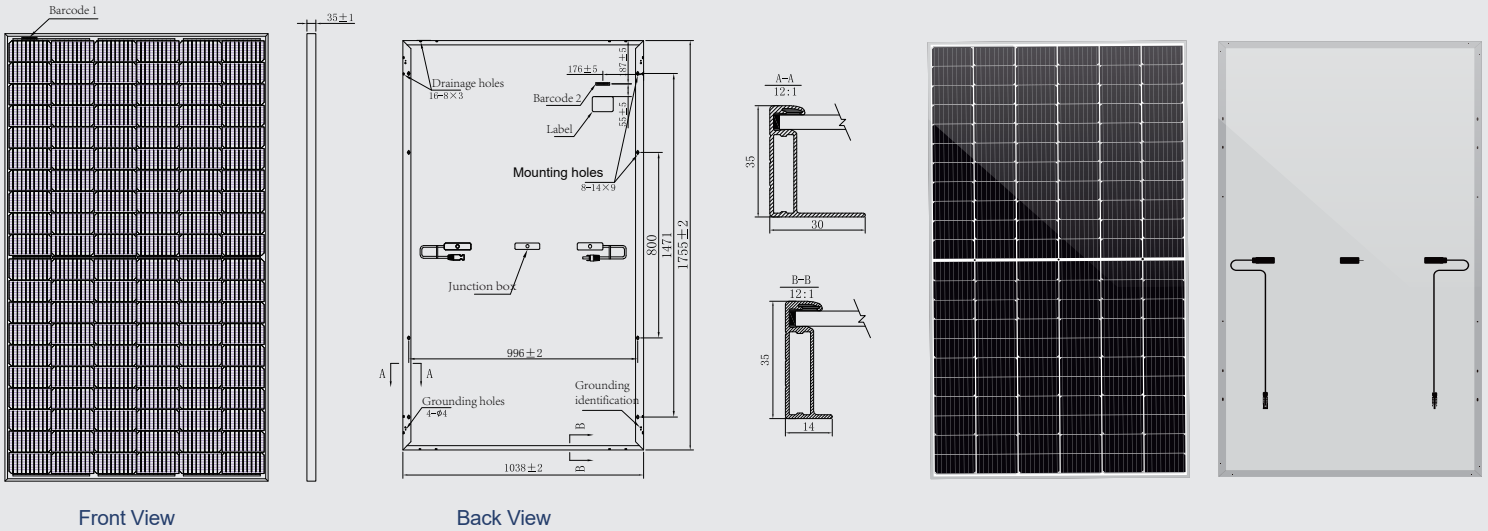
High Density Packaging



Strengthened Mechanical Load

POWER X





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

Electrical Characteristics (STC/NOCT)

Module Type	PX1-360		PX1-365		PX1-370		PX1-375		PX1-380		PX1-385	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	360	268.50	365	272.10	370	275.80	375	279.80	380	283.50	380	287.20
Open Circuit Voltage - Voc(V)	40.60	37.90	40.80	38.00	41.00	38.20	41.20	38.40	41.40	38.60	41.60	38.80
Short- Circuit Current - Isc(A)	11.24	9.08	11.33	9.15	11.42	9.22	11.51	9.29	11.60	9.37	11.69	9.44
Voltage at Pmax -Vmp(V)	33.80	31.40	34.00	31.60	34.20	31.70	34.40	31.90	34.60	32.10	34.80	32.30
Current at Pmax - Imp(A)	10.66	8.55	10.74	8.62	10.82	8.69	10.91	8.76	10.99	8.83	11.07	8.90
Module Efficiency -ηm(%)	19.76 /		20.04 /		20.31 /		20.59 /		20.86 /		21.13 /	
Power Tolerance(W)	(0, +4.99W)											
Maximum System Voltage(V)	1500Vdc (IEC / UL)											
Maximum Series Fuse Rating (A)	20A											

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	1755×1038×35 mm (With Frame)
Weight	19.5 ±1.0 kg
Solar Cells	Mono crystalline 166mm (6×20)
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

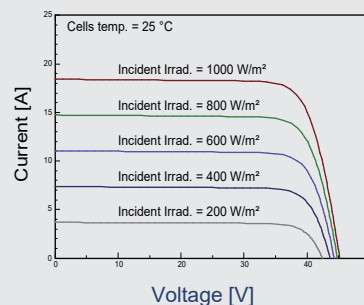
Temperature Characteristics

Pmax Temperature Coefficient	-0.36%/ °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

	1755×1038×35 mm (With Frame)
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	26
Pieces per Container	806

I-V CURVES OF PV MODULE(365W)



P-V CURVES OF PV MODULE(365W)

