

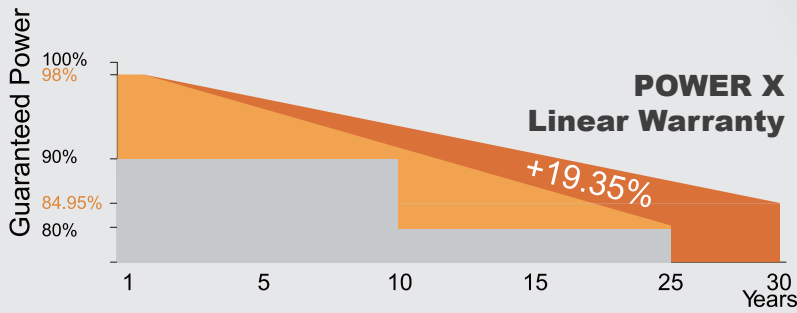
PXD2-395-415W

182mm 10BB Double Glass PV Module

21.03%
MAXIMUM EFFICIENCY

0.45%
YEARLY DEGRADATION

PERC HALF CUT CELL



12 Years

MATERIAL & CRAFT
QUALITY ASSURANCE

30 Years

30 YEARS OUTPUT
GUARANTEE



Excellent Low-light Performance



Bifacial Technology up to 25% additional power gain from back side depending on albedo.



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



High Density Packaging



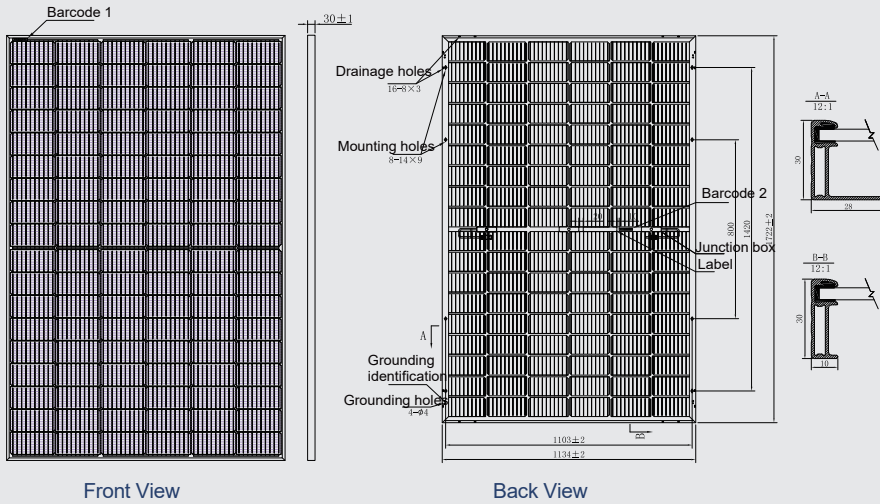
Strengthened Mechanical Load



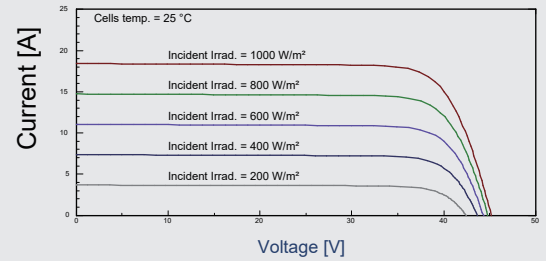
100% Inspection Guarantee Reliability

POWER X

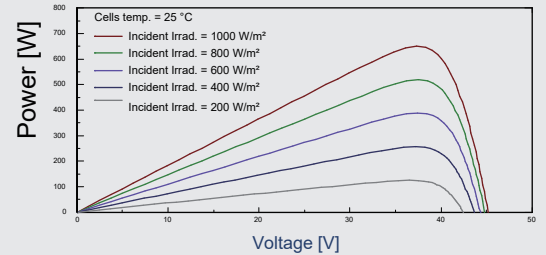




I-V CURVES OF PV MODULE(400W)



P-V CURVES OF PV MODULE(400W)



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

Electrical Characteristics (STC/NOCT)

Module Type	PXD2-395		PXD2-400		PXD2-405		PXD2-410		PXD2-415	
	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
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	10.34	12.95	10.41	13.03	10.47	13.10	10.54	13.18	10.60
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)	13.62	11.00	13.70	11.06	13.78	11.13	13.86	11.19	13.94	11.26
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)	30 A									

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	24.5±1.0 kg
Solar Cells	Mono crystalline 182mm (6×18)
Front Glass	2.0 mm+2.0mm, High Transmission, AR Coated Heat Strengthened Glass
Frame	Anodized aluminum alloy
Junction Box	IP 68, 3 diodes
Output Cables	4 mm², 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

Bifacial Output Real Side Power Gain

	395	400	405	410	415
Front power Pmax/W	395	400	405	410	415
Total power Pmax/W	494	500	506	513	519
VmpV(Total)	30.80	31.00	31.20	31.40	31.60
Imp/A(Total)	16.03	16.13	16.23	16.32	16.42
VocV(Total)	37.00	37.20	37.40	37.60	37.80
IscA(Total)	16.97	17.06	17.16	17.27	17.36

Packing Configuration

1722×1134×30 mm (With Frame)	
Container	40'HQ
Pieces per Pallet	36
Pallets per Container	26
Pieces per Container	936