

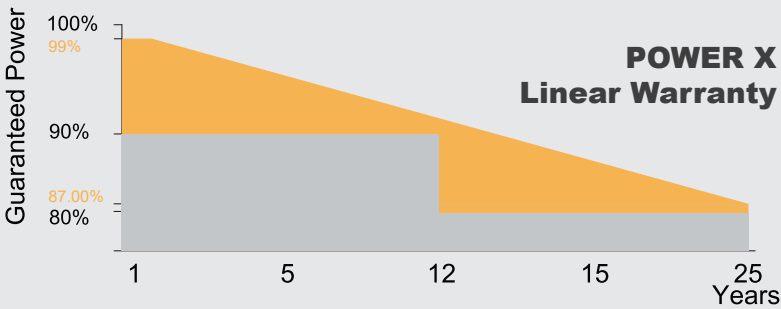
# PXT-600 - 630W

182mm 16BB N-Type TOPCon PV Module

**22.54%**  
MAXIMUM EFFICIENCY

**0.50%**  
YEARLY DEGRADATION


TOPCON HALF CELL





**12** Years  
Material & Craft  
Quality assurance


**12** Years  
95.10% Output  
Power guarantee

**30** Years  
87.40% Output  
Power guarantee

 Excellent Low-light Performance

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

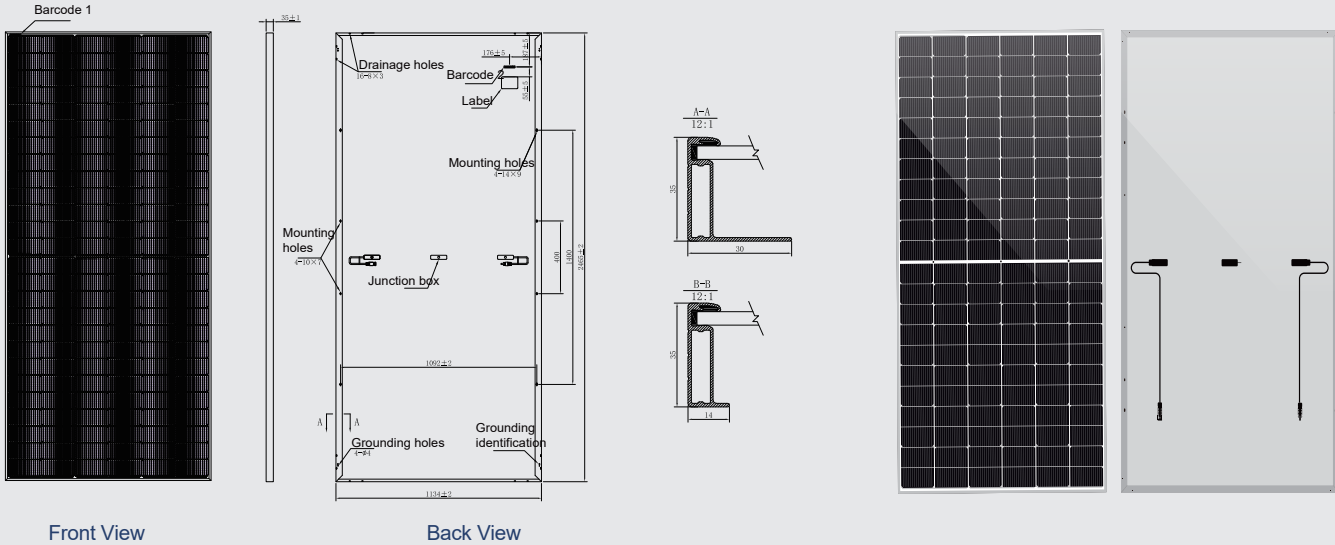
 High Density Packaging  
0.5mm

 Strengthened Mechanical Load

 100% Inspection Guarantee Reliability

**POWER X**





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

## Electrical Characteristics (STC/NOCT)

Module Type	PXT-600		PXT-605		PXT-610		PXT-615		PXT-620		PXT-625		PXT-630	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	600	453.40	605	457.10	610	460.80	615	464.50	620	468.30	625	472.00	630	475.80
Open Circuit Voltage - Voc(V)	54.80	51.70	55.00	51.90	55.20	52.10	55.40	52.30	55.60	52.50	55.80	52.60	56.00	52.60
Short- Circuit Current - Isc(A)	14.01	11.31	14.07	11.35	14.13	11.40	14.19	11.45	14.25	11.50	14.31	11.55	14.37	11.60
Voltage at Pmax -Vmp(V)	41.80	42.60	45.40	42.80	45.60	43.00	45.80	43.10	46.00	43.30	46.20	43.50	46.40	43.60
Current at Pmax - Imp(A)	13.28	10.63	13.33	10.68	13.38	10.72	13.43	10.77	13.50	10.82	13.53	10.86	13.58	10.91
Module Efficiency -ηm(%)	21.46	/	21.64	/	21.82	/	22.06	/	22.18	/	22.36	/	22.54	/
Power Tolerance(W)	(0, +4.99W)													
Maximum System Voltage(V)	1500Vdc (IEC / UL)													
Maximum Series Fuse Rating (A)	25A													

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

## Mechanical Specifications

External Dimensions	2465×1134×35 mm (With Frame)
Weight	30±1.0kg
Solar Cells	N-type Mono crystalline 182mm (6×26)
Front Glass	3.2mm, High Transmission, AR Coated Tempered Glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Output Cables	4 mm <sup>2</sup> ,350 mm (With Connectors)
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

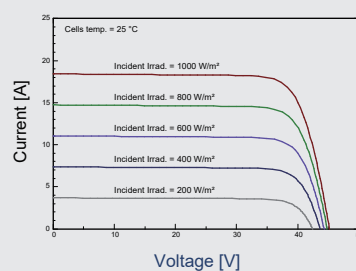
## Temperature Characteristics

Pmax Temperature Coefficient	(-0.30±0.03)%/°C
Voc Temperature Coefficient	-0.25%/°C
Isc Temperature Coefficient	+0.046%/°C
Operating Temperature	-40 °C ~+85 °C
Nominal Operating Cell Temperature(NOCT)	44 °C ±2 °C

## Packing Configuration

2465×1134×35 mm (With Frame)	
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	16
Pieces per Container	496

I-V CURVES OF PV MODULE(630W)



P-V CURVES OF PV MODULE(630W)

