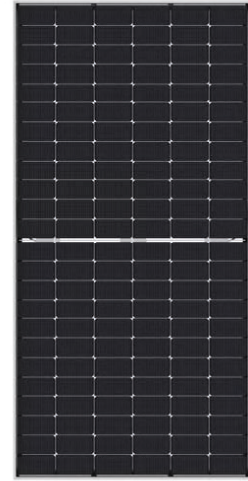
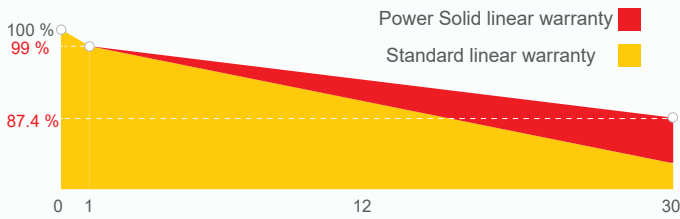


# PS560W#BPVN

## BIFACIAL MODULE

Industry-leading Warranty based on nominal power



## Features



### SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



### Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



### Excellent weak light performance

More power output in weak light condition, such as cloudy, morning and sunset



### Extended wind and snow load tests

Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal) \*



### PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



### Lower LCOE

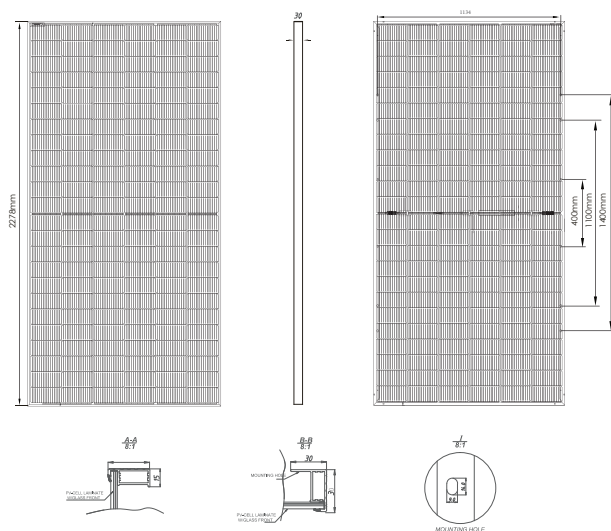
Higher bifaciality, higher power output and lower BOS cost

THE CROWN OF POWER SOLUTION

## General Features

### MECHANICAL SPECIFICATIONS

Cell Type	N type Mono-crystalline
Cell Dimensions	182*182mm
Cell Arrangement	144 (6*24)
Weight	32KG
Module Dimensions	2278*1134*30mm
Cable Length	Portrait 300mm/Landscape 1200mm/Customized
Cable Cross Section Size	TUV: 4mm <sup>2</sup> /UL: 12AWG
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
No. of Bypass Diodes	3/6
Packing Configuration	36pcs/pallet, 720pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68



### ELECTRICAL SPECIFICATIONS

Module Type	PS560W#BPVN	
	STC	NMOT
Testing Condition	STC	NMOT
Rated output (Pmp/Wp)	560	421
Maximum Power Voltage(Vmpp/V)	41.9	39.3
Maximum Power Current(Imp/A)	13.37	10.69
Open Circuit Voltage(Voc/V)	50.7	48.1
Short Circuit Current(Isc/A)	14.13	11.41
Module efficiency(%)	21.7%	
Power Tolerance (W)	0~+5	

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

### MAXIMUM RATINGS

Maximum System Voltage	1000V/1500V DC (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	30A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Application Level	Class A

### TEMPERATURE CHARACTERISTICS

NMOT Temperature	45°C±2°C
Temperature Coefficient (Pmax)	-0.30%/°C
Temperature Coefficient (Voc)	-0.25%/°C
Temperature Coefficient (Isc)	0.046%/°C

### CURVE & TEMPERATURE DEPENDENCE

