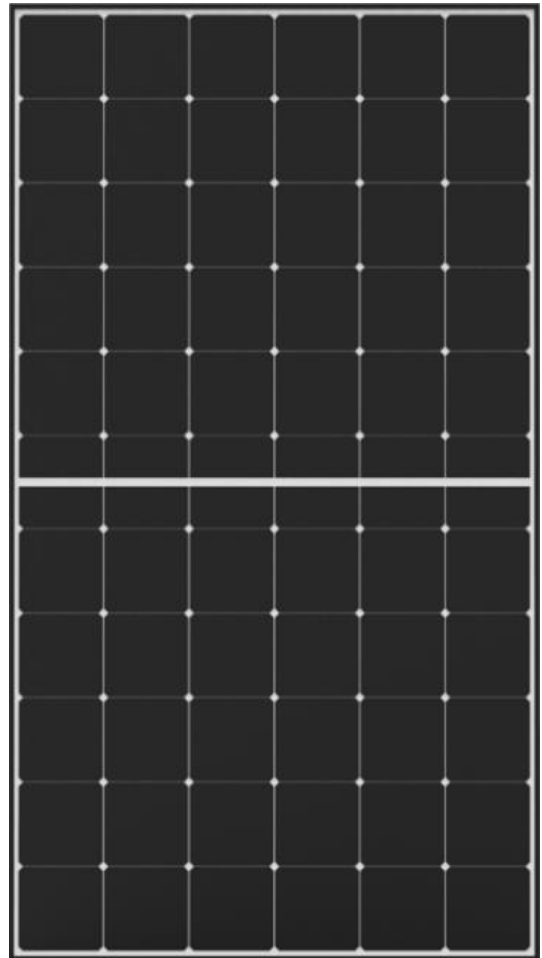


ANDROMEDA 2.0

SPICN6(LDF)-66/BIH High Efficiency Bifacial Series 420W|425W|430W

FEATURES

- Up to 21.8% Module Efficiency
- Additional energy yield up to 10%
- IBC-No electrode to block sunlight
- N-Type cell has ZERO LID
- Dual-Glass Anti-PID
- Excellent Temperature Coefficient
- Low mismatch loss
- Refer. Bifacial Factor reached $75\pm 5\%$
- Double 30Years Warranty
- Minimal power degradation (91.8% of initial after 30years)



About SPIC

State Power Investment Corporation (SPIC)- FORTUNE GLOBAL 500 company ,one of the integrated energy group in China that holds assets of hydropower ,thermal power, nuclear power and new energy simultaneously . Hold and operate over 40GW photovoltaic projects, ranking first in the world (As of end 2021).

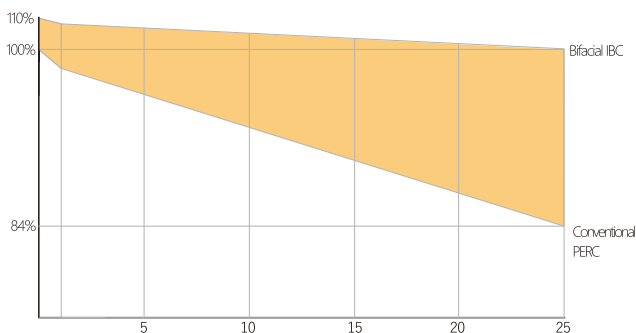


Electrical Parameters

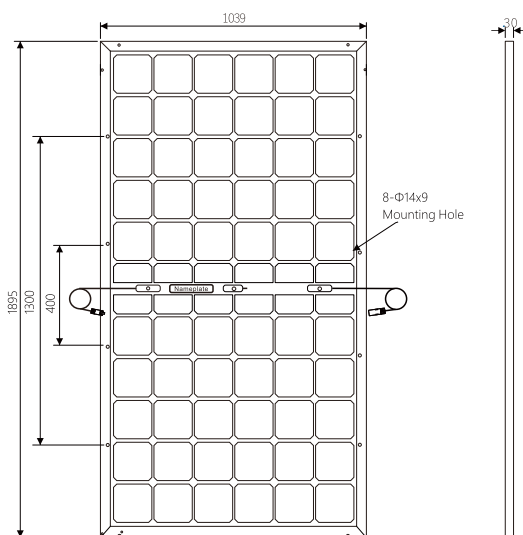
Module Type	SPICN6(LDF)-66-420/BIH			SPICN6(LDF)-66-425/BIH			SPICN6(LDF)-66-430/BIH		
	STC	*10%	*20%	STC	*10%	*20%	STC	*10%	*20%
Maximum Power (Pmax/W)	420	451.5	483	425	456.9	488.8	430	462.3	494.5
Maximum Power Voltage (Vmpp/V)	38.8			39.0			39.2		
Maximum Power Current (Imp/A)	10.83	11.64	12.45	10.9	11.72	12.54	10.97	11.8	12.62
Open Circuit Voltage (Voc/V)	45.9			46.0			46.1		
Short Circuit Current (Isc/A)	11.61	12.53	13.41	11.76	12.64	13.52	11.86	12.75	13.64
Module Efficiency	21.3%	22.9%	24.5%	21.6%	23.2%	24.8%	21.8%	23.3%	25.1%

*10% is the Irradiance from rear side :100W/m²
*20% is the Irradiance from rear side :200W/m²

Additional Value



Dimensions(Units:mm)



Mechanical Parameters

Cell Type	NIBC 166x83mm(Half-Cell)
No. of Cells	132(6x22)
Junction Box	Ip68 with three bypass diodes
Output Cable	4mm ² , 1400mm with MC4 (Length can be customized)
Glass	2.0+2.0mm Half tempered glass
Frame	Anodized aluminum alloy frame
Dimension	1895x1039x30mm
Weight	26.0kg

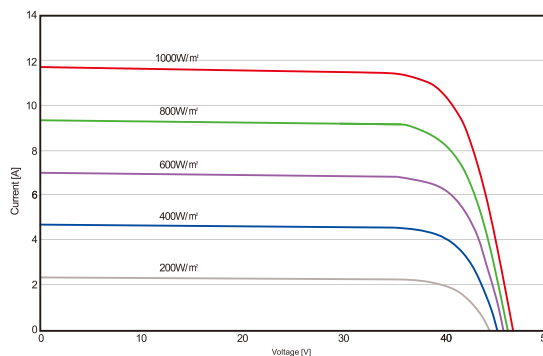
Operating Conditions

Maximum System Voltage	1500V DC(IEC)
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V (IEC)
Maximum Series Fuse Rating	20A
Mechanical Test Load (Front)	5400Pa
Mechanical Test Load (Rear)	2400Pa

Temperature Characteristics (STC)

Pmax	%/°C	-0.290
Voc	%/°C	-0.246
Isc	%/°C	+0.046

I-V Curves(425W)



Packaging Configuration

No. of Modules Per Pallet	EA	35
No. of Modules Per 40ft HQ container	EA	840