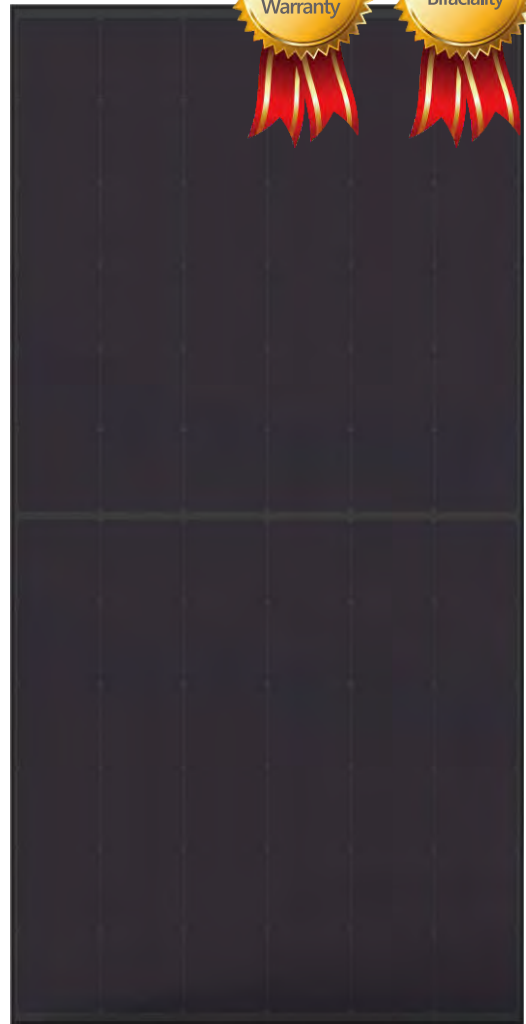


ANDROMEDA 2.0

Elegant Bifacial Series (Black)

SPICN6(LDF)-72/BIH

445W | 450W | 455W



FEATURES

- Up to 21.3% 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±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).

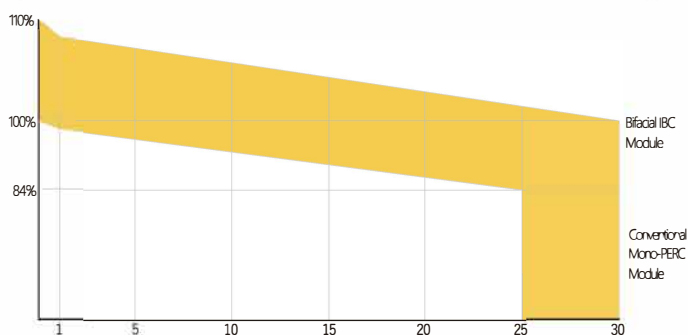


Electrical Parameters

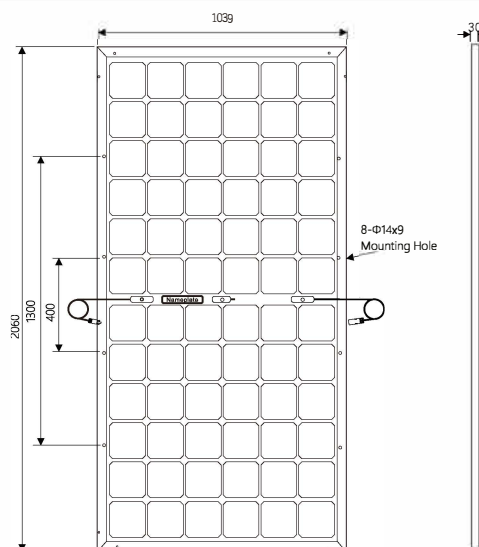
Module Type	SPICN6(LDF)-72-445/BIH			SPICN6(LDF)-72-450/BIH			SPICN6(LDF)-66-455/BIH		
	STC	*10%	**20%	STC	*10%	**20%	STC	*10%	**20%
Maximum Power (Pmax/W)	445	478.4	511.8	450	483.8	517.5	455	489.1	523.3
Maximum Power Voltage (Vmpp/V)	41.8			42.0			42.2		
Maximum Power Current (Impp/A)	10.65	11.45	12.25	10.72	11.52	12.33	10.79	11.60	12.41
Open Circuit Voltage (Voc/V)	49.8			49.9			50		
Short Circuit Current (Isc/A)	11.43	12.29	13.14	11.52	12.38	13.25	11.61	12.48	13.35
Module Efficiency	20.8%	22.4%	23.9%	21%	22.6%	24.2%	21.3%	22.9%	24.5%

* 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	144(6x24)
Junction Box	Ip68 with three bypass diodes
Output Cable	4mm ² , 1600mm with MC4 (Length can be customized)
Glass	2.0+2.0mm Half tempered glass
Frame	Anodized aluminum alloy frame
Dimension	2060x1039x30mm
Weight	28.0kg

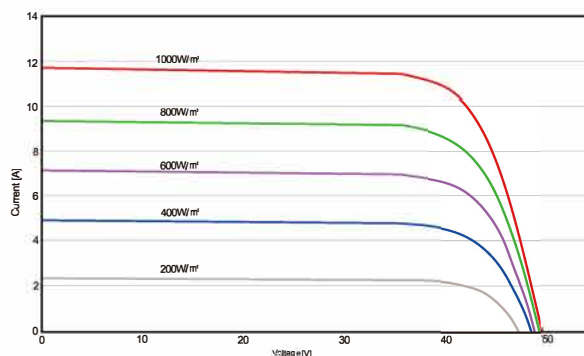
Operating Conditions

Maximum System Voltage	1500V DC(IEC)
Operational Temperature	-40~+85°C
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(450W)



Packaging Configuration

No. of Modules Per Stack	EA	72
No. of Stacks Per 40ft HQ container	EA	11
No. of Modules Per 40ft HQ container	EA	792



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Product specifications are subject to change without notice

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