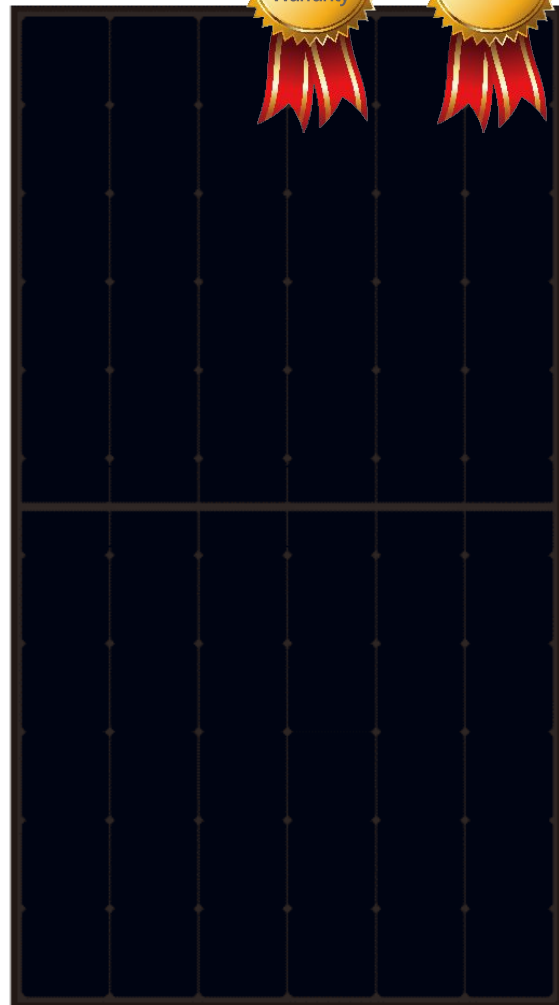


# ANDROMEDA 2.0

Elegant Bifacial Series (Black)

SPICN6(LDF)-66/BIH

415W|420W|425W



## FEATURES

- Up to 21.6% 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).

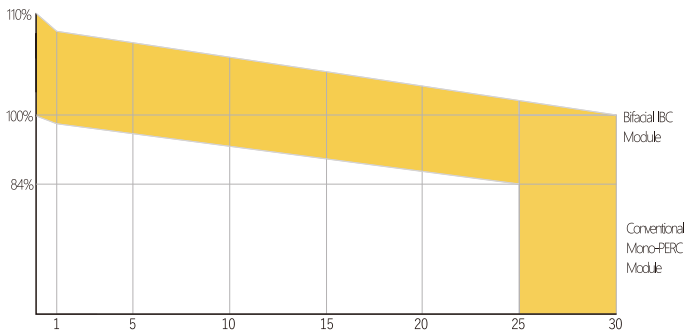


### Electrical Parameters

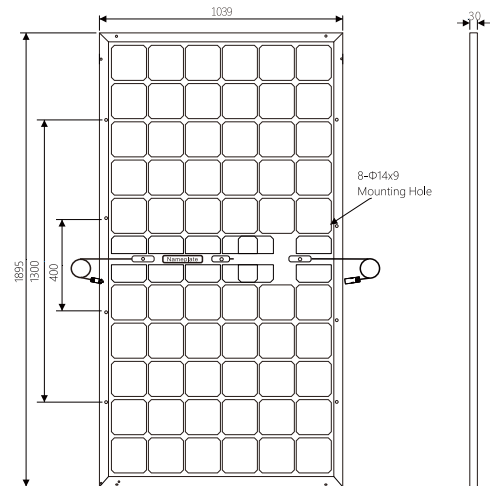
Module Type	SPICN6(LDF)-66-415/BIH			SPICN6(LDF)-66-420/BIH			SPICN6(LDF)-66-425/BIH		
	STC	*10%	**20%	STC	*10%	**20%	STC	*10%	**20%
Maximum Power (Pmax/W)	415	446.1	477.3	420	451.5	483	425	456.9	488.8
Maximum Power Voltage (Vmpp/V)	38.6			38.8			39.0		
Maximum Power Current (Impp/A)	10.76	11.57	12.37	10.83	11.64	12.45	10.90	11.71	12.54
Open Circuit Voltage (Voc/V)	45.8			45.9			46.0		
Short Circuit Current (Isc/A)	11.56	12.43	13.29	11.66	12.53	13.41	11.76	12.64	13.52
Module Efficiency	21.1%	22.7%	24.3%	21.3%	23.2%	24.5%	21.6%	23.2%	24.8%

\* 10% is the Irradiance from rear side :100W/m<sup>2</sup>  
 \*\*20% is the Irradiance from rear side :200W/m<sup>2</sup>

### 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 <sup>2</sup> , 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

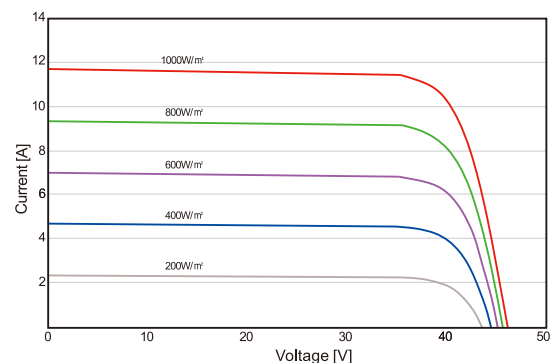
### Operating Conditions

Maximum System Voltage	1500V DC(IEC)
Operational Temperature	-40 ~ +85°C
Maximum 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(420W)



### Packaging Configuration

No. of Modules Per Stack	EA	73
No. of Stacks Per 40ft HQ container	EA	12
No. of Modules Per 40ft HQ container	EA	876



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Product specifications are subject to change without notice

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