

ANDROMEDA 2.0

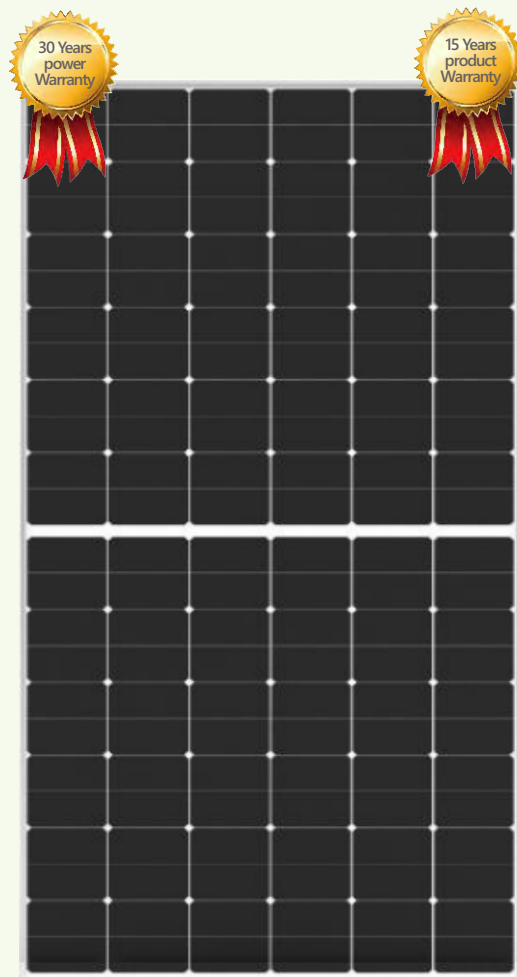
High Efficiency Series SPICN6(LDF)-72/BIH

465W|470W|475W



FEATURES

- No busbar on front side, elegant appearance N-type solar cell has no LID naturally
- Better low light response
- Better Temperature Coefficient
- Lower hot spot temperature, higher safety
- Lower shadow-blocking loss
- Passed more than 2 times IEC tests
- Refer. Bifacial Factor Reached 70%±5%



国家电投集团

国家电投集团在2023年财富世界500强中排名中位列第262位，是一家大型的综合能源企业，在全球范围内持有包括水电、火电、核电、光伏、风电等资产，总计超过200GW，其中光伏电站持有量超过76.8GW(截至2023年底)，连续多年全球第一。

About SPIC Group

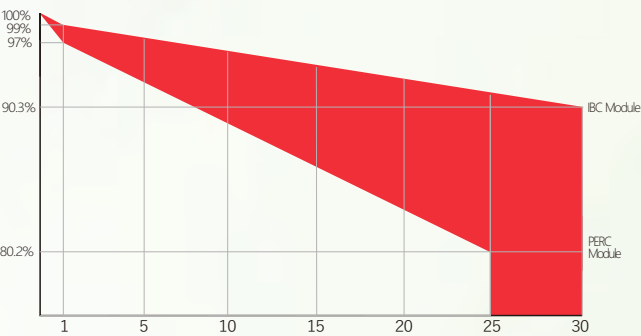
State Power Investment Corporation (SPIC)- FORTUNE GLOBAL 500 company ,ranking 262nd in 2023, one of the integrated energy group in China that holds assets of hydropower ,thermal power, nuclear power and new energy simultaneously .Hold and operate over 76.8GW photovoltaic projects, ranking first in the world (As of end 2023).



Electrical Parameters

Module Type	SPICN6(LDF)-72-465/BIH		SPICN6(LDF)-72-470/BIH		SPICN6(LDF)-72-475/BIH	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	465	350	470	354	475	358
Maximum Power Voltage (Vmpp/V)	42.6	39.7	42.8	39.9	43.0	40.21
Maximum Power Current (Impp/A)	10.92	8.82	10.99	8.88	11.07	8.92
Open Circuit Voltage (Voc/V)	50.2	48.1	50.3	48.2	50.4	48.3
Short Circuit Current (Isc/A)	11.79	9.53	11.88	9.59	11.97	9.64
Module Efficiency	21.4%		21.6%		21.8%	

Additional Value



Operating Properties

Maximum System Voltage	1500V DC(IEC)
Maximum Rated Current	20A
Operational Temperature	-40~+85°C
Static Mechanical Load	5400/2400 Pa
Dynamic Mechanical Load	1000 Pa, 1000 cycle

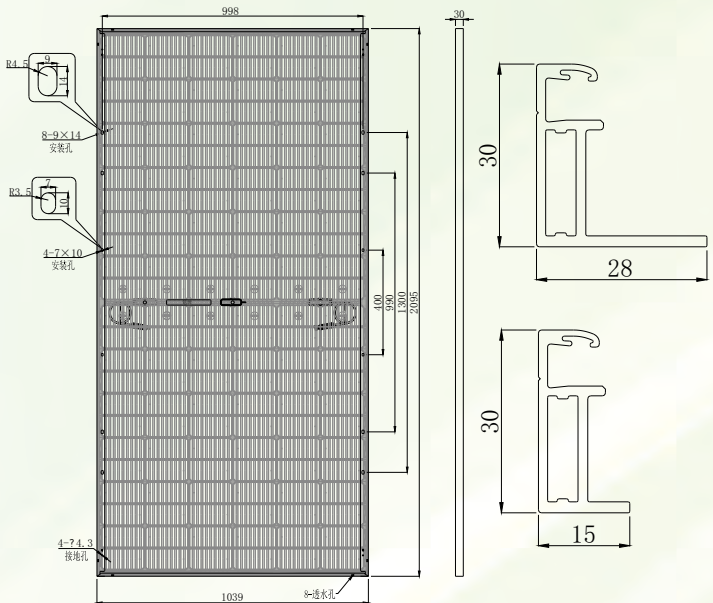
Mechanical Properties

Cell Type	N-IBC 166x83mm(Half-Cell)
No. of Cells	144 (12 X 12)
Junction Box	IP68 Rated (3diodes)
Cables	TÜV 1x4mm²,1200mm (Or Custom Design)
Glass	2.0mm, High transmission, Low Iron, Half-tempered Glass
Connector	MC4 Compatible (Or Custom Design)
Dimension	2095x1039x30mm
Weight	28.5±0.5kg

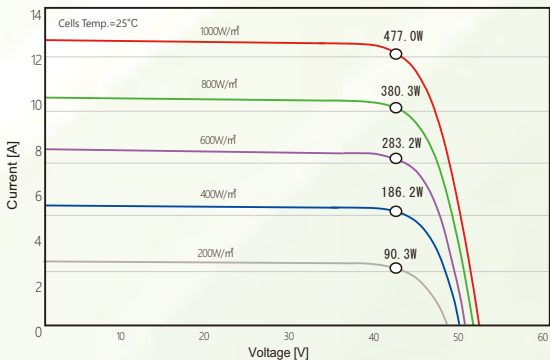
Temperature Characteristics (STC)

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

Dimensions(Units:mm)



I-V Curves (475W)



Packaging Configuration

No. of Per Pallet Packing Type	EA	35
No. of Pallets Per 40ft HQ container	EA	22
No. of Modules Per 40ft HQ container	EA	770



青海黄河上游水电开发有限责任公司西宁太阳能电力分公司
QINGHAI HUANGHE HYDROPOWER DEVELOPMENT CO., LTD. XINING SOLAR POWER BRANCH
青海省西宁市城东区金硅路4号
No.4 Jingui Road,Chengdong District, Xining City, Qinghai Province, China
en.spicsolar.com
spicsolar@spic.com.cn

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