





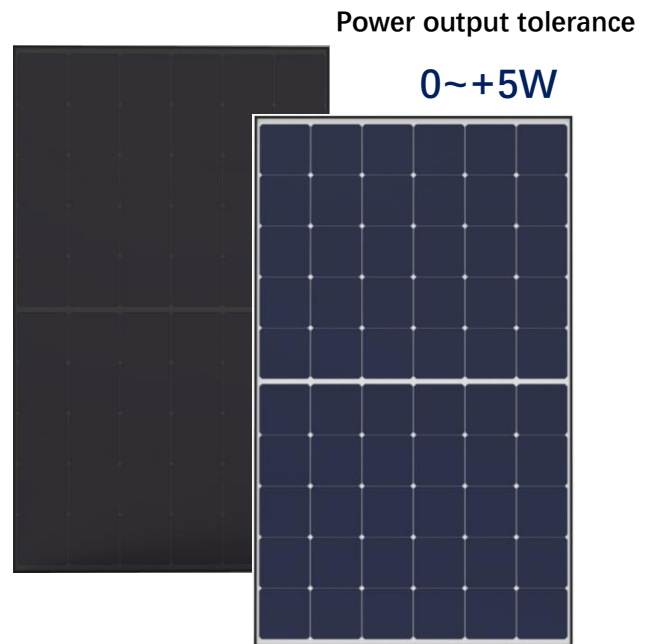


ANDROMEDA 2.0

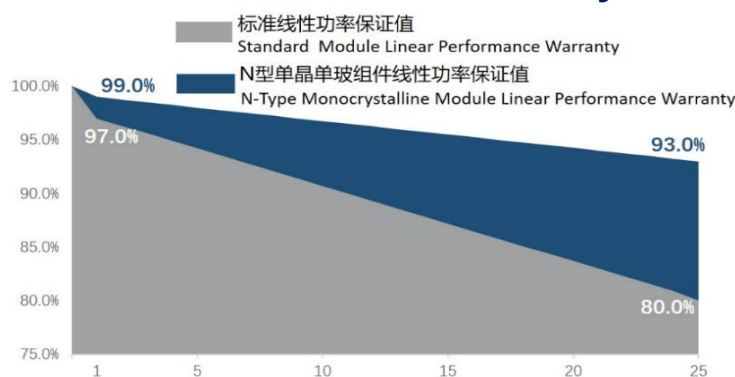
IBC monofacial 120 half-cell module

SPICN6(LAR)-60/IH High Efficiency Elegant Series 360W/365W/370W/375W/380W/385W/390W

-  No busbar on front side, elegant appearance
-  N-type solar cell has no LID naturally
-  Better weak illumination response
-  Higher module power decrease system LCOE
-  Better Temperature Coefficient
-  Current grading reduces mismatch



Linear Performance Warranty



Made in China

- 1st year degradation: **-1.0%**
- Annual degradation: **0.25%**
- Linear power warranty: **25 years**
- Product material & workmanship warranty: **25 years**

Comprehensive Qualifications & Certifications

- ISO 9001:2015 Quality Management Systems
- ISO 14001:2015 Environment Management Systems
- ISO 45001:2018 Occupational Health and Safety Management Systems



- The Module fire resistance class is Class C
- PV Modules are installed via bolts and clamps
- Two EL tests during manufacturing to ensure products quality.



**ANDROMEDA 2.0 High Efficiency Elegant Series
SPICN6(LAR)-60/IH**

Electrical Parameters (STC*)

Module Type	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)
	-60-360/IH	-60-365/IH	-60-370/IH	-60-375/IH	-60-380/IH	-60-385/IH	-60-390/IH
Peak Power (Pmax) / W	360	365	370	375	380	385	390
MPP Voltage (Vmp) / V	34.5	34.7	34.9	35.1	35.3	35.5	35.7
MPP Current (Imp) / A	10.44	10.52	10.61	10.69	10.77	10.85	10.93
Open Circuit Voltage (Voc) / V	41.3	41.4	41.5	41.6	41.7	41.8	41.9
Short Circuit Current (Isc) / A	11.17	11.28	11.39	11.50	11.61	11.72	11.83
Module Efficiency (η) / %	20.1%	20.3%	20.6%	20.9%	21.2%	21.5%	21.7%

*STC (Standard Test Condition): Irradiance 1000W/m², Cell temperature 25°C, AM1.5 (Measurement Tolerance: ±3%)

Electrical Parameters (NOCT*)

Module Type	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)	SPICN6(LAR)
	-60-360/IH	-60-365/IH	-60-370/IH	-60-375/IH	-60-380/IH	-60-385/IH	-60-390/IH
Peak Power (Pmax) / W	270	274	278	282	286	290	294
MPP Voltage (Vmp) / V	31.9	32.1	32.3	32.5	32.7	32.9	33.1
MPP Current (Imp) / A	8.47	8.54	8.61	8.68	8.75	8.82	8.89
Open Circuit Voltage (Voc) / V	39.5	39.6	39.7	39.8	39.9	40.0	40.1
Short Circuit Current (Isc) / A	8.96	9.05	9.14	9.23	9.32	9.42	9.49

*NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

Operating Properties

Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	20A
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature	42±2°C
Temperature Coefficient of Pmax	-0.290%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Isc	+0.046%/°C

Mechanical Properties

Cell Type	N IBC 166×83 mm (Half-cell)
No. of Cells	120 (12×10)
Dimensions	1740×1039×35mm / 1727×1039×35mm / 1720×1039×35mm
Weight	20.5±0.5kg / 20.0±0.5kg
Front Glass	3.2mm, High transmission, Low Iron, Tempered Glass
Frame	Aluminium Alloy
Junction Box	IP68 Rate (3 diodes)
Cables	TÜV 1×4mm ² , 1200mm (Or Custom Design)
Connector	See the following table for details



Connector manufacturer	Allowable male type to mate	Famele type	Rated Voltage
Zhejiang Zhonghuan Sunter PV Technology Co., Ltd.	general	PV-ZH202B; PV-ZH202	1500V
LEONI Cable (China) Co., Ltd.	general	LSC-R1; LSC-R1-B	1500V
QC Solar (Suzhou) Corporation	general	QC 4.10-cd	1500V
Amphenol Technology (Shenzhen) Co., Ltd.	general	UTXCF abcd; UTXCM abcd; UTXCFabcde; UTXCMabcd	1500V
Staubli Electrical Connectors AG	general	PV-KST4/xy-UR; PV-KBT4/xy-UR; PV-KST4-EVO 2/xy_UR; PV-KBT4-EVO 2/xy_UR	1500V
Suzhou Xtong Photovoltaic Technologies Co., Ltd.	general	PV-ST101.1	1500V
Dongguan Zerun Electronics Technology Co., Ltd.	general	Z4S-abcde	1500V
Tyco Electronics (Shanghai) Co., Ltd.	general	PV4-S 1yx	1500V
Amphenol Industrial Operations	general	H4-abcdef	1500V



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Engineering Drawing (unit: mm)

