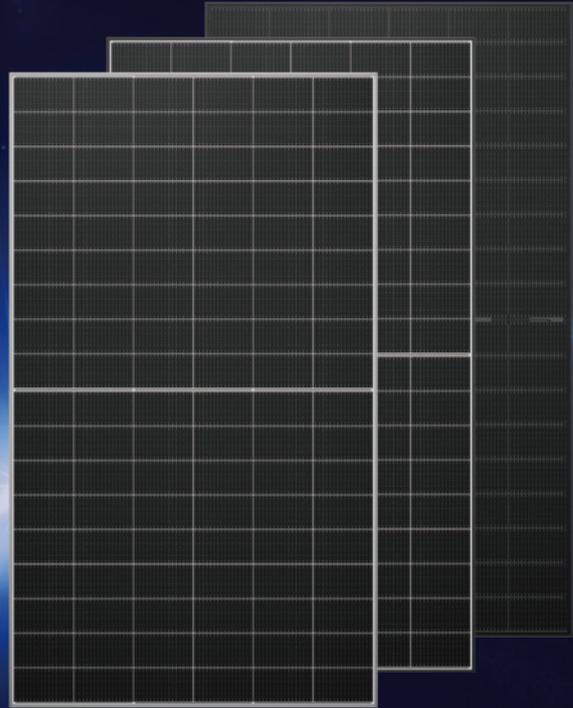


# 505-535W

**ASP535H-54BDG**

Rectangle Bifacial Module with Double Glass

**24.10%**  
Max. Efficiency



### HJT Technology

Shorter current transport path, better low-light performance, and higher power generation.



### Up to 90% Bifaciality

Natural symmetrical bifacial structure bringing more energy yield from the backside.



### Sealing with PIB

Stronger moisture resistance, greater air impermeability to extend module lifespan.



### Higher Reliability

Industrial leading product and performance warranty, ensuring modules' consistent outstanding performance.



### Full Scenarios Coverage

Suitable for all scenarios, especially C&I, residential, and utility applications, lower BOS cost, lower LCOE.



## Quality Management System and Product Certification

IEC 61215, IEC 61730, UL 61730

ISO9001: 2015: ISO Quality Management System.

ISO14001: 2015: ISO Environmental Management System.

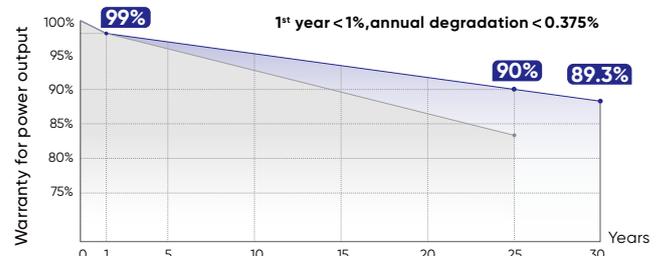
ISO45001: 2018: Occupation Health and Safety.

IEC62941: Guideline for module design qualification and type approval.

## Quality Guarantee

15 Year Materials Warranty

30 Year Power Warranty



Less than 1% attenuation in the 1<sup>st</sup> year, the annual attenuation from the 2<sup>nd</sup> year is no more than 0.375%, and the power is no less than 88% until the 30<sup>th</sup> year.

## Electrical Parameters(STC\*)

ASP535H-54BDG	505	510	515	520	525	530	535
Maximum Power (Pmax/W)	505	510	515	520	525	530	535
Open Circuit Voltage (Voc/V)	40.87	40.98	41.09	41.20	41.31	41.42	41.53
Short Circuit Current (Isc/A)	15.59	15.70	15.81	15.92	16.03	16.14	16.25
Voltage at Maximum Power (Vmp/V)	34.27	34.38	34.49	34.60	34.71	34.82	34.93
Current at Maximum Power (Imp/A)	14.74	14.84	14.94	15.04	15.14	15.24	15.34
Module Efficiency (%)	22.70	22.90	23.20	23.40	23.60	23.90	24.10

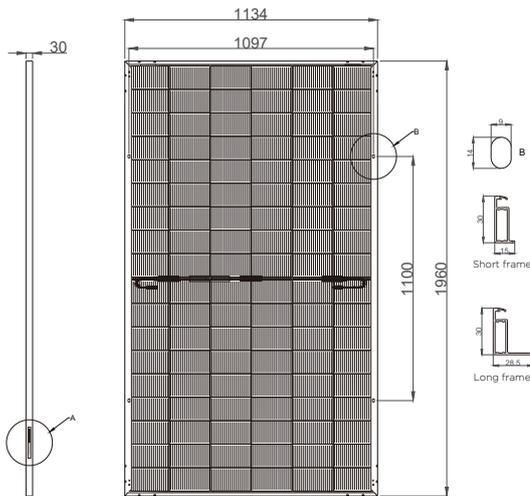
STC: AM1.5, 1000W/m<sup>2</sup>, 25°C.

## Electrical Parameters(NOCT\*)

Maximum Power (Pmax/W)	385	389	393	397	400	404	408
Open Circuit Voltage (Voc/V)	39.01	39.11	39.22	39.32	39.43	39.53	39.63
Short Circuit Current (Isc/A)	12.46	12.55	12.64	12.72	12.81	12.90	12.99
Voltage at Maximum Power (Vmp/V)	32.73	32.83	32.93	33.03	33.13	33.23	33.33
Current at Maximum Power (Imp/A)	11.78	11.86	11.94	12.02	12.10	12.18	12.26

NOCT: AM1.5, 800W/m<sup>2</sup>, 20°C, 1m/s.

## Drawings



## Electrical Parameters(BNPI\*)

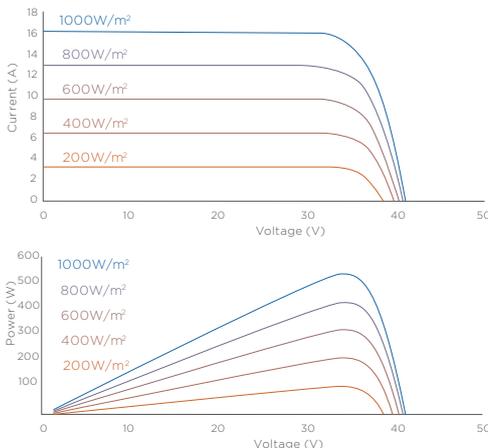
Output Power (Pmax/W)	566	571	577	583	588	594	600
Open Circuit Voltage (Voc/V)	41.01	41.12	41.23	41.34	41.45	41.56	41.67
Short Circuit Current (Isc/A)	17.48	17.61	17.73	17.85	17.98	18.10	18.22
Voltage at Maximum Power (Vmp/V)	34.39	34.50	34.61	34.72	34.83	34.94	35.05
Current at Maximum Power (Imp/A)	16.47	16.58	16.69	16.80	16.90	17.01	17.12

BNPI: AM1.5, 1000W/m<sup>2</sup>, 135W/m<sup>2</sup>, 25°C

## Mechanical Characteristics

Weight	27.1 kg
Dimensions	1960×1134×30mm
Cell Dimensions	182×105mm
Cell Amount	54×2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Glass Thickness	Dual glass, 2.0mm
Frame	Anodized aluminum alloy frame
Cable	4mm <sup>2</sup> ; +350/-250mm or customized; UV resistant
Connector	PV-H1 / MC4-Evo 2 / Others
Bifaciality	90±5%
Packing	36pcs/pallet, 864pcs/40'HQ Container

## Characteristics(ASP535H-54BDG)



## Temperature Characteristics

NMOT	44±2°C
Temp. Coefficient of Voc	-0.22%/°C
Temp. Coefficient of Isc	+0.04%/°C
Temp. Coefficient of Pmax	-0.24%/°C

## Maximum Rating

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400Pa/5400Pa
Fuse Current	35A