

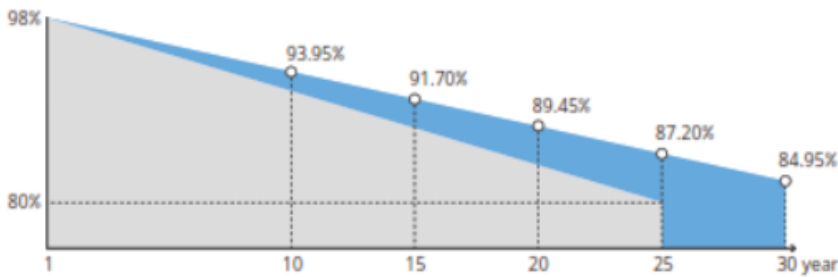
Mono Perc

DHM-72X10/BF

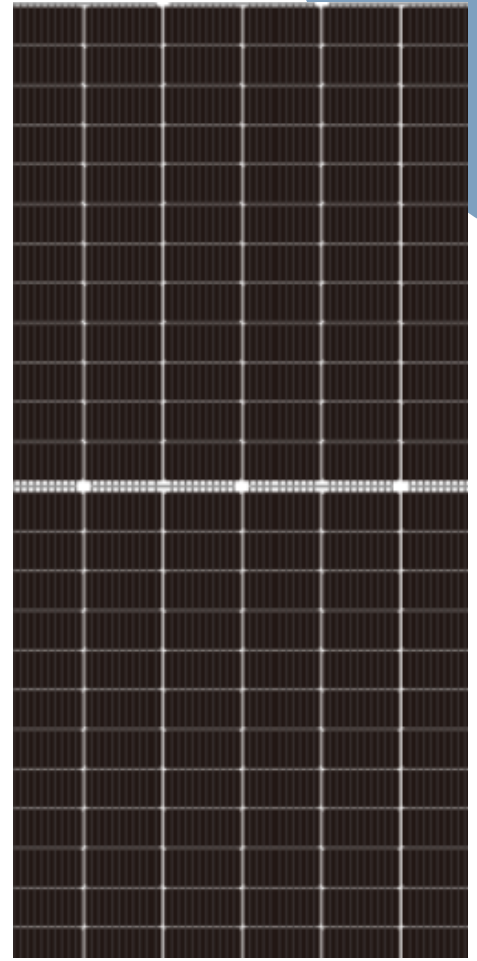
BIFACIAL HALF-CELL HIGH EFFICIENCY PV MODULE

Quality Guarantee

12-year Material & technology warranty
30-year Linear power output warranty



— Our linear power output guarantee
 — Standard linear power output guarantee



540~555 W

Max Module Efficiency

21.48%



Up to 20% generation gain from the rear-side

The grid line transparent back sheet increases the back reflection, and the power generation gain increases with the back light



More than 25% module weight lighter

Compared with the dual glass module, the weight is reduced by 25%, which is easy to install and save the cost of BOS



Higher generation efficiency and stability

Low current, low hotspot and better low-irradiance performance, more stable power generation



Longer power output life span

Anti PID, low acetic acid concentration, ensure the module linear power output for 30 years



Strong environmental adaptability

Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests



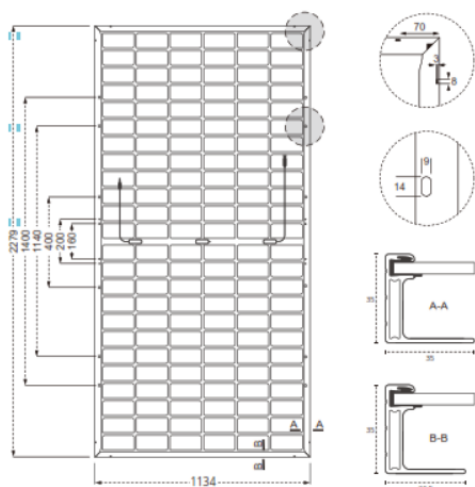
Select Grade A crystalline silicon solar cells

Grade A crystalline silicon solar cells make high-power output with cost-effective

DHM-72X10/BF-540~555W

Design

Mechanical Specification



Cells Type	Mono 182×91mm
Dimension (L×W×T)	2279×1134×35mm
Weight	29kg
Cable (Including connector)	4.0mm ² , Portrait: 300mm(+)/400mm(-) Landscape: 1400mm(+)/1400mm(-)
No. of Cells	144 (6×24)
Glass	3.2mm High Transmission, Antireflection C
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible

Operating Parameters

Electrical Characteristics

Maximum system voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	30A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

Module Type	STC Noct	STC Noct	STC Noct	STC Noct
Maximum Power (Pmax)	540W 402W	545W 405W	550W 409W	555W 413W
Open-circuit Voltage (Voc)	49.8V 46.71V	50.0V 46.90V	50.2V 47.09V	50.4V 47.28V
Maximum Power Voltage (Vmp)	42.0V 39.40V	42.2V 39.58V	42.4V 39.77V	42.6V 39.96V
Short-circuit Current (Isc)	13.66A 11.04A	13.72A 11.09A	13.78A 11.13A	13.84A 11.18A
Maximum Power Current (Imp)	12.86A 10.20A	12.91A 10.24A	12.97A 10.29A	13.03A 10.33A
Module Efficiency (STC)	20.89%	21.09%	21.30%	21.48%

STC: Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5NOCT; Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

Refer Bifacial Factor: 70±5%
Temperature Coefficient of Isc: 0.05%/°C

Temperature Coefficient of Voc: -0.31%/°C
Temperature Coefficient of Pmax: -0.35%/°C

5%	Maximum Power (Pmax)	572W	578W	582.5W
	Module Efficiency (%)	22.14%	22.35%	22.54%
15%	Maximum Power (Pmax)	627W	633W	632.7W
	Module Efficiency (%)	24.25%	24.47%	24.48%
25%	Maximum Power (Pmax)	681W	688W	694W
	Module Efficiency (%)	26.36%	26.60%	26.84%