

HJT

210MM CELL

700 - 730W

N-TYPE HJT BIFACIAL DOUBLE-GLASS MODULE



Up to **85%**
Bifaciality



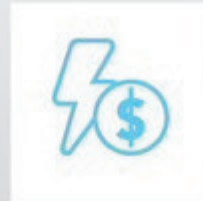
Better
Temperature
Coefficient



Better
low - light
Performance



Stronger
Water
Resistance

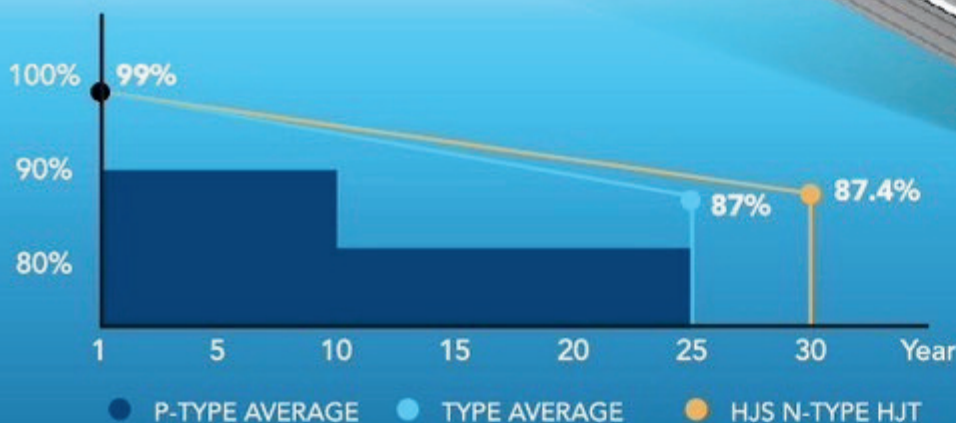
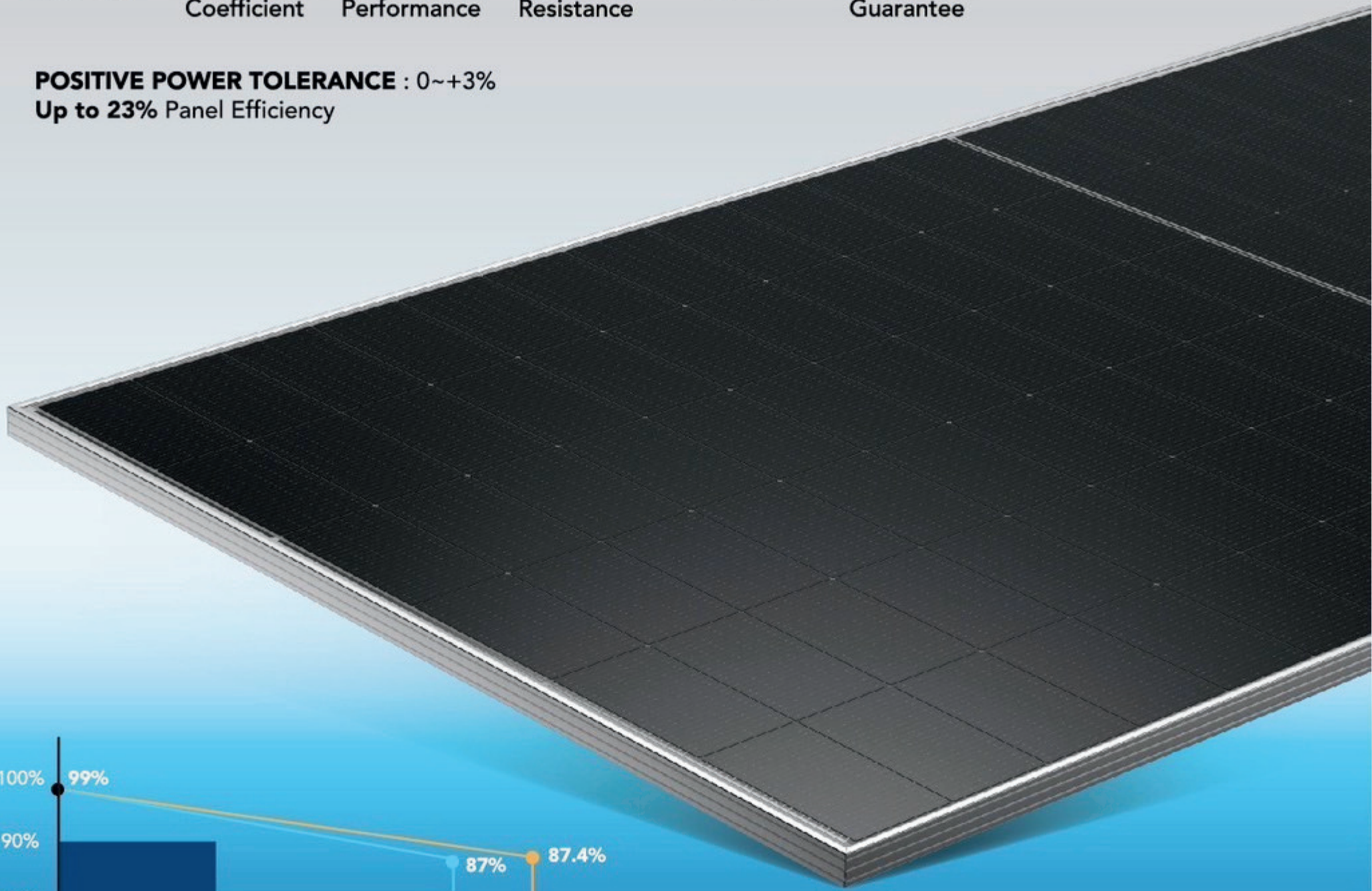


Lower
LCOE



30 Year
Performance
Guarantee

POSITIVE POWER TOLERANCE : 0~+3%
Up to **23%** Panel Efficiency



PRODUCT WARRANTY

30 - year performance guarantee

- / 1% first year degradation
- / 0.4% annual degradation
- / - 0.24%
- / °C temperature coefficient



COMPLETE SET OF QUALITY MANAGEMENT SYSTEM

- IEC 61215, IEC 61730
- ISO 9001, Quality Management System
- ISO 14001, Environment Management System
- ISO 45001, Occupational Health and Safety Management System

Electrical Characteristics (STC*)

Module Type	HJH AB132DSO 700	HJH AB132DSO 720	HJH AB132DSO 730
Maximum Power (W)	700	720	730
Open-circuit Voltage (V)	49.80	50.26	20.54
Short-circuit Current (A)	17.53	17.85	18.01
Maximum Power Voltage (V)	41.83	42.25	42.47
Maximum Power Current (A)	16.75	17.06	17.21
Module Efficiency (%)	22.53	23.18	23.50

*STC : Irradiance 1000W/m², cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%

Electrical Characteristics (BSTC**)

Electrical Characteristics (With 10% Backside Gain)

Module Type	HJH AB132DSO 700	HJH AB132DSO 720	HJH AB132DSO 730
Maximum Power (W)	771	792	730
Open - circuit Voltage (V)	49.80	50.26	50.54
Short - circuit Current (A)	19.28	20	20
Maximum Power Voltage (V)	41.83	42.24	42.47
Maximum Power Current (A)	18.43	19	19

**BSTC : front Irradiation 1000W/m², back reflected irradiation 135W/m, spectrum AM1.5, cell temperature 25°C.

Expected Maximum

Electrical Characteristics (With 30% Backside Gain)

Module Type	HJH AB132DSO 700	HJH AB132DSO 720	HJH AB132DSO 730
Maximum Power (W)	910	938	949

Operating Parameters

Maximum System Voltage (V)	DC 1500 (IEC)
Maximum Series Fuse (A)	35
Front Side Maximum Static Load (Pa)	5400
Rear Side Maximum Static Load (Pa)	2400
Operating Temperature (°C)	- 40 ~+ 85
Withstanding Hail	Maximum diameter 25 mm impact velocity 23 m/s
Fire Rate	Class C

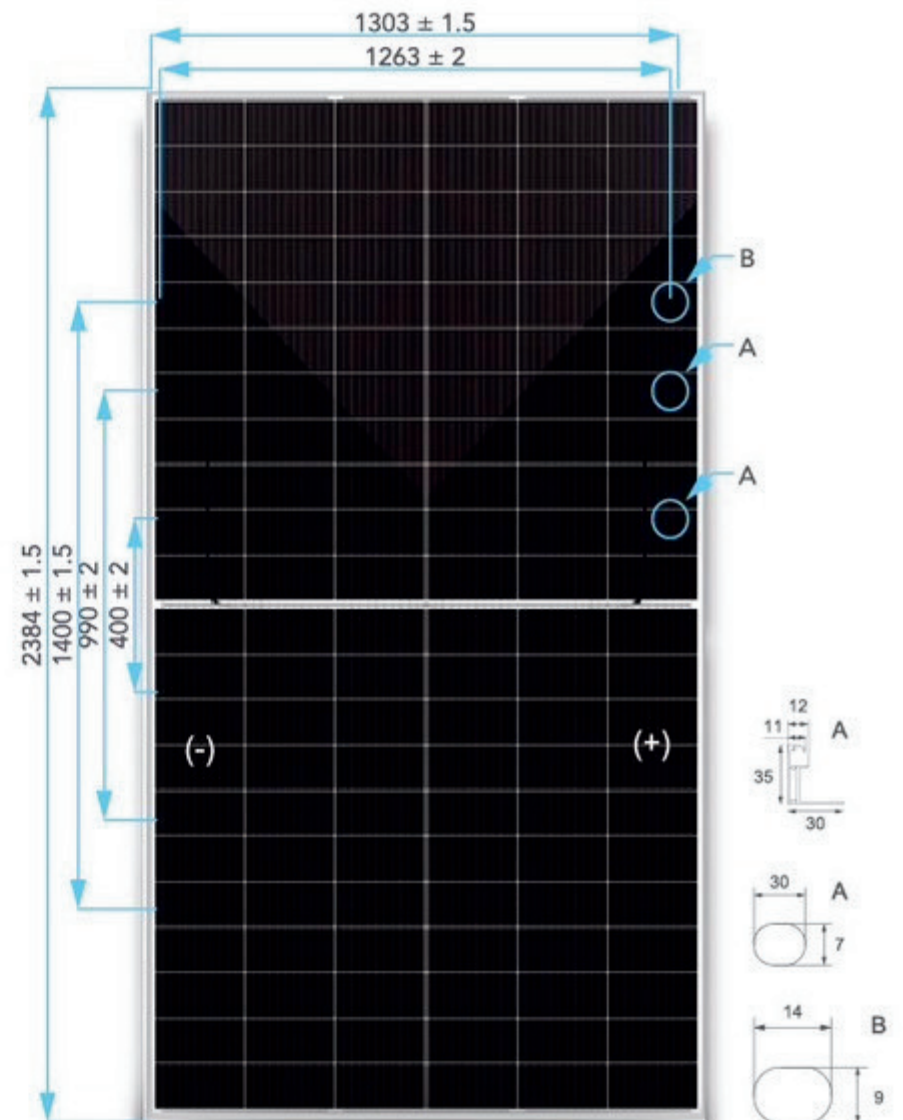
Temperature Characteristics

NOCT	44°C ± 2°C
Temperature Coefficient (Pmpp)	- 0.26% / °C
Temperature Coefficient (Voc)	- 0.24% / °C
Temperature Coefficient (Isc)	0.04% / °C

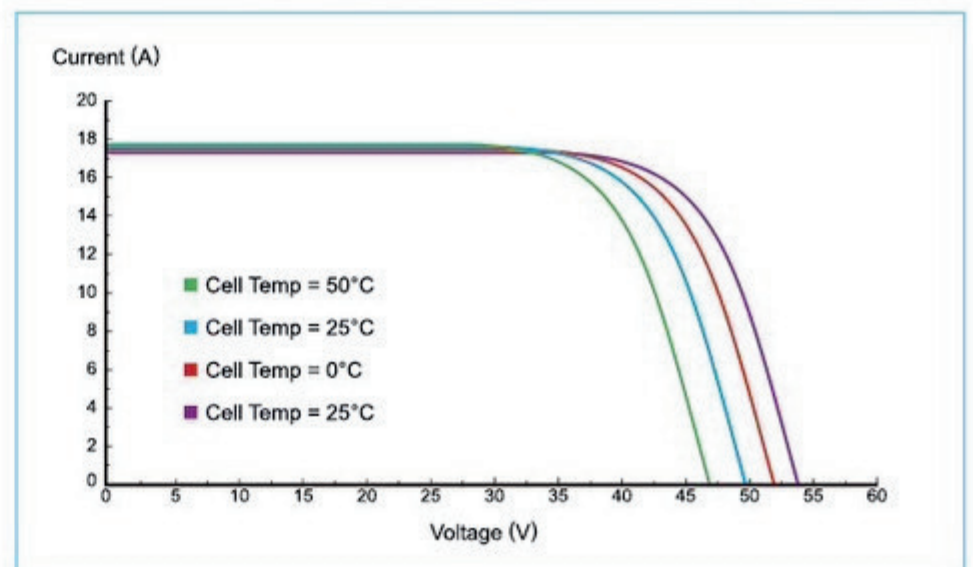
Mechanical Characteristics

Cell Type	Mono HJT 210*105mm (N Type)
Cell Connection	132 (6*11*2)
Module Dimension	2384*1303*35mm
Module Weight	38.7kg
Junction Box	IP68
Cable	4.0mm ² , (+) 300mm, (-) 300mm (connection not included)
Connector Type	MC4 compatible
Glass	2.0mm +2.0mm Tempered glass
Frame	Anodised aluminium Alloy

Module Dimensions



I - V Curve I - V Characteristics at different temperature



I - V Characteristics at different irradiation HJH-AB132DSO-700

