

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

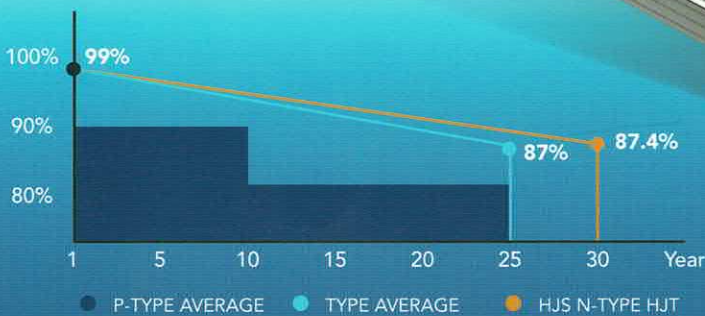


Lower
LCOE



30 Year
Performance
Guarantee

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



SUMMITPLUS
INNOVATIONS
CO.,LTD.

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	HJH	HJH
	AB132DSO 700	AB132DSO 720	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)

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)

Maximum Power (W)	910	938	949
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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

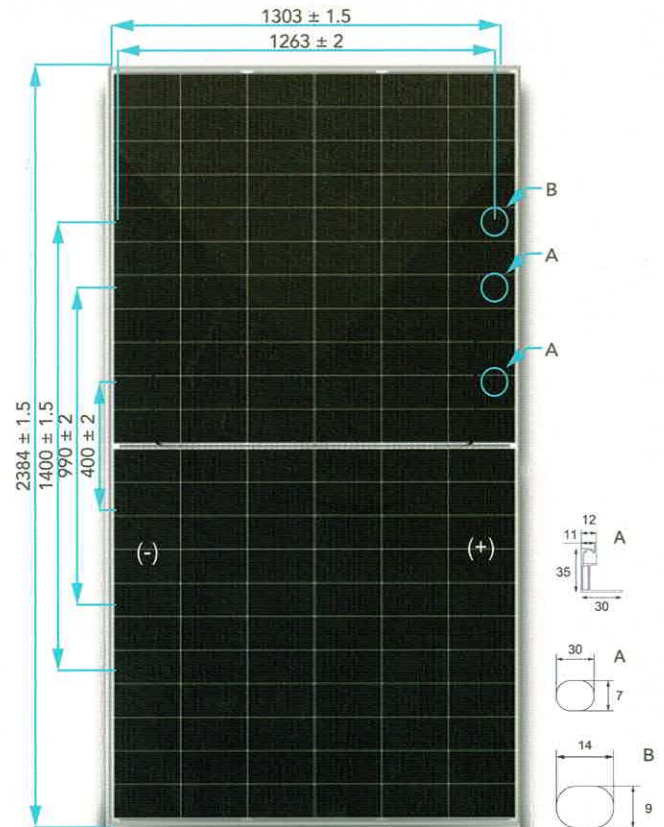
Temperature Characteristics

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

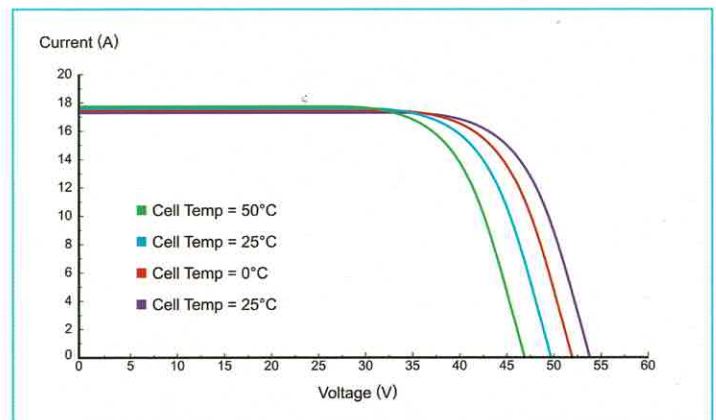
Mechanical Characteristics

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

