



未来光能
FUTURE ENERGY

FUTURE210 Series

132 Half-piece Bifacial Dual Glass HJT Module

730~750W



OBB Technology

Less light obstruction and stronger current collection ability



Over 90% Bifaciality

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



Better temperature coefficient

-0.24%/°C, More stable power generation



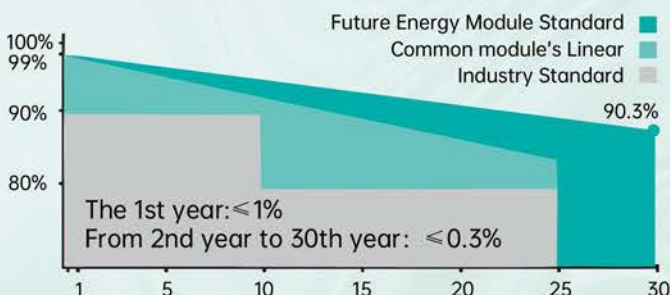
High Reliability

Excellent anti-LID & anti-PID performance, Sealing with PIB based sealant, Stronger water resistance, greater air impermeability to extend module lifespan.



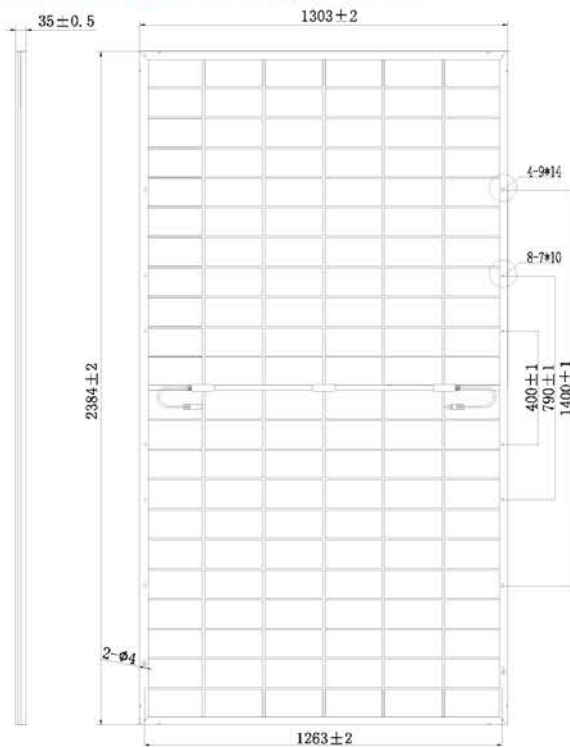
Suitable for Utility Solar projects

Lower BOS cost, lower LCOE



15^y Product Warranty

30^y Linear Power Warranty

Engineering Drawings Unit: mm

ELECTRICAL DATA (STC*)

Rated Power in Watts-Pmax(Wp)	730	735	740	745	750
Maximum Power Voltage-Vmpp(V)	42.84	42.98	43.12	43.26	43.40
Maximum Power Current-Impp(A)	17.04	17.10	17.16	17.22	17.28
Open Circuit Voltage-Voc(V)	51.17	51.32	51.47	51.62	51.77
Short Circuit Current-Isc(A)	17.86	17.92	17.98	18.04	18.10
Module Efficiency (%)	23.50	23.66	23.82	23.98	24.14

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

Electrical characteristics with 10% rear side power gain

Total Equivalent power -Pmax(Wp)	803	809	814	820	825
Maximum Power Voltage-Vmpp(V)	42.84	42.98	43.12	43.26	43.40
Maximum Power Current-Impp(A)	18.74	18.81	18.88	18.94	19.01
Open Circuit Voltage-Voc(V)	51.17	51.32	51.47	51.62	51.77
Short Circuit Current-Isc(A)	19.65	19.71	19.78	19.84	19.91

Mechanical Characteristics

Solar cells	n-type HJT
Cell configuration	132cells (6×22)
Module dimensions	2384×1303×35mm
Weight	38.7kg
Superstrate	2.0mm,High Transmission,AR Coated Heat Strengthened Glass
Substrate	2.0mm,Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
J-Box	IP68
Cables	4.0mm ² ,300mm, or customized length
Connector	MC4-EVO 2A
Packing Configuration	
31PCS per pallet , 558PCS per 40ft(HQ)	

Application Environment&Temperature Characteristics

Operating Module Temperature	-40~+85°C
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse	35A
Power Tolerance	0~+5W
Bifaciality	90%±5%
Safety Class	Class II
Nominal Operating Cell Temp.(NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.24%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/°C

