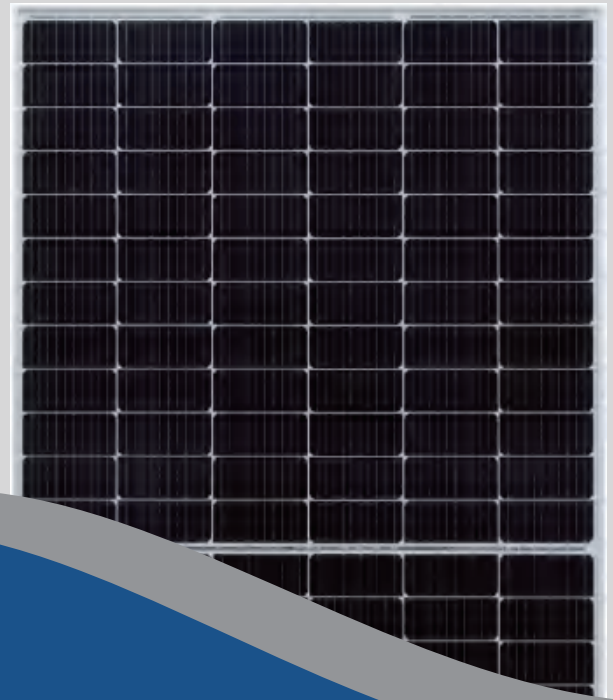


M730-HJT-BD

Bifacial HJT Solar Module (Half-cut)

730W



Higher Output Power

The output power reaches an impressive 730W. Bifaciality is up to 90%. Delivers an additional 25% power generation capacity from the rear side.



Enhanced Safety Level

IP65 water resistance
Long-term weather endurance



Less Power Loss

Innovative half-cut cell technology minimizes power dissipation. Effectively prevents PID & LID. Guarantees enhanced yield for PV systems.



Ideal Choice For Solar Projects

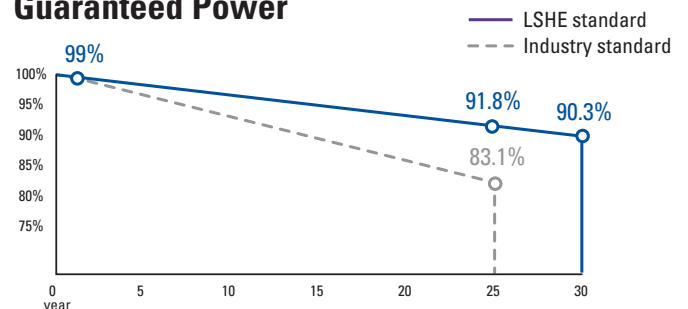
Lower BOS / Lower LCOE
Improved ROI



Excellent Linear Power Warranty

Annual degradation remains below 0.3% on average from the second year through the thirty year. Maintains a power output at least 5% higher than P-type modules after 25 years.

Guaranteed Power



25 years Product Warranty | 30 years Linear Performance Warranty



ELECTRICAL CHARACTERISTICS

Model/M730-HJT-BD	730W
Testing Condition: STC Maximum Power (Pmax/W)	730
Operating Voltage (Vmpp/V)	42.99
Operating Current (Impp/A)	16.98
Open-Circuit Voltage (Voc/V)	50.98
Short-Circuit Current (Isc/A)	17.80
Module Efficiency (%)	23.50

STC: Irradiance 1000W/m², Spectra at AM1.5, Cell Temperature 25°C
Power Output Tolerance: 0~+5W, Test Uncertainty for Pmax: ±3%

REAR SIDE POWER GAIN

Pmax Gain	5%	10%	15%	20%	25%
Pmax/W	766	803	839	876	912
Vmpp/V	42.99	42.99	42.99	42.99	42.99
Impp/A	17.82	18.67	19.52	20.37	21.22
Voc/V	50.98	50.98	50.98	50.33	50.98
Isc/A	18.69	19.58	20.47	19.78	22.25

MECHANICAL CHARACTERISTICS

Solar Cell	HJT 210x105mm
No. of Cells	132 (2x66)
Module Dimensions	2384x1303x33mm(93.86x51.30x1.30 inches)
Weight	38.3kg
Front Glass	2.0mm AR Coating Semi-tempered Glass
Back Glass	2.0mm Glazed Semi-tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Output Cables	4mm ² , 300mm(+)/300mm(-) or Customized Length
Connectors	MC4

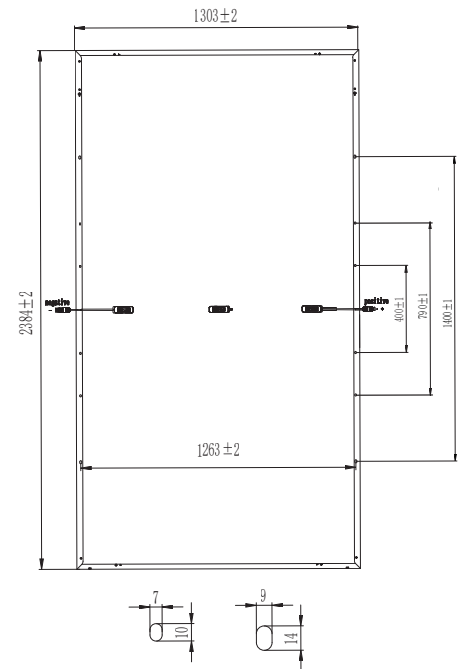
APPLICATION CONDITION

Maximum System Voltage	DC1500V
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	30A
Safety Protection Class	Class II
Mechanical Load	Front side 5400Pa, Back side 2400Pa
Refer. Bifaciality Factor	85%±5%

TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Isc	+0.047%/°C
Nominal Module Operating Temperature (NOCT)	42±2°

TECHNICAL DRAWING



I-V CURVE

M730-HJT-BD

