

OYUNGSOLAR

OSM66NHB

710-735 Watt

HALF CELL

N-Type HJT

BIFACIAL WITH DUAL GLASS

0BB Technology

Shorter current transmission distance, less resistive loss and higher power generation efficiency, lower LCOE, more sophisticated look.

HJT Technology

Combining gettering process and double-sided $\mu\text{c-Si}$ to improve cell efficiency and module power.

Up to 95% Bifaciality

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

No LID, No PID

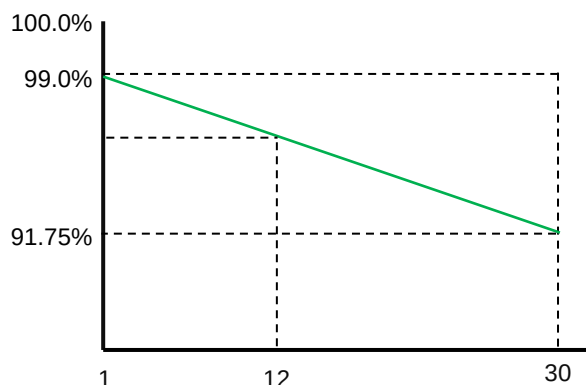
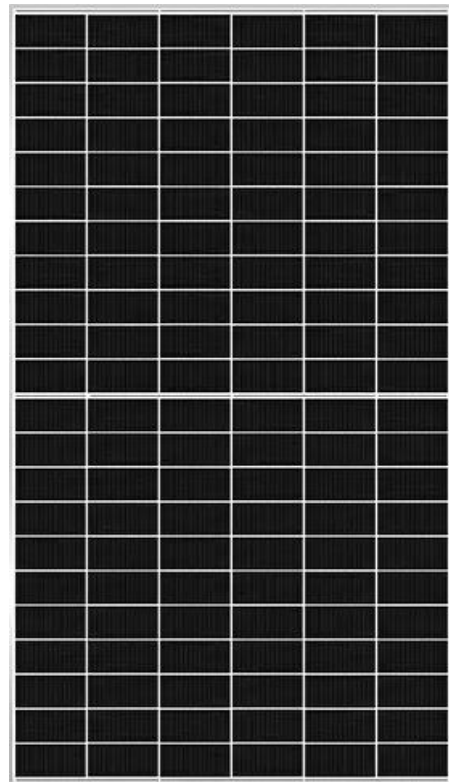
Better performance and efficiency, ultra-high power generation.

Sealing with PIB

Stronger water resistance, greater air impermeability to extend module lifespan.

Suitable for Utility project

Lower BOS cost, lower LCOE.



15 years Product Warranty	30 years Linear Power Warranty	≤1.0% First-year Degradation	≤0.30% Annual Degradation Over 30 Years
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IEC61215:2021 / IEC61730:2023
IEC61701 / IEC62716 / IEC60068 / IEC62804
ISO9001:2015: Quality Management System
ISO14001:2015: Environment Management System
ISO45001:2018: Occupational health and safety management systems



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Mechanical Parameters

Cell Type	N-type HJT
No. of cells	132 (66×2)
Dimension	2384×1303×33mm
Weight	37.9kg
Front Glass	2.0 mm, anti-reflection coating
Back Glass	2.0 mm, heat strengthened glass
Frame	anodized aluminium alloy
Junction Box	IP68 rated
Protection Class	Class II
IEC Fire Type	Class C
Output Cables	4.0mm ² , (+): 350mm, (-): 250mm, or customized length

Packaging Configuration

Pallet Dimentions	/
Packaging Detail	33pcs/pallet, 594pcs/40'HQ

Specifications (STC)

Maximum Power (Pmax/W)	710	715	720	725	730	735
Maximum Power Voltage (Vmp/V)	41.96	42.05	42.14	42.23	42.32	42.41
Maximum Power Current (Imp/A)	16.93	17.02	17.10	17.18	17.26	17.34
Open-circuit Voltage (Voc/V)	49.97	50.07	50.17	50.27	50.37	50.47
Short-circuit Current (Isc/A)	17.99	18.08	18.17	18.26	18.35	18.44
Module Efficiency (STC/%)	22.90	23.00	23.20	23.30	23.50	23.70
Power Tolerance	0~3%					
Temperature Coefficients of Pmax	-0.24%/°C					
Temperature Coefficients of Voc	-0.22%/°C					
Temperature Coefficients of Isc	0.04%/°C					

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

Specifications (BNPI)

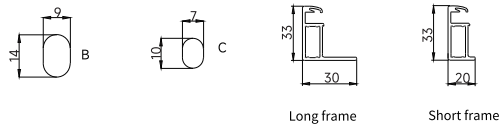
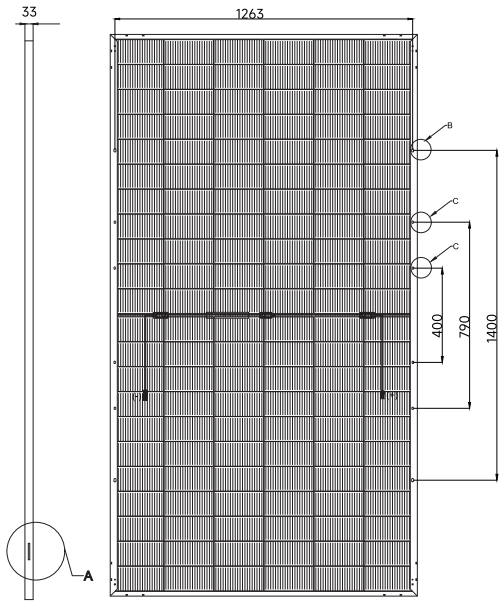
Maximum Power (Pmax/W)	796	801	807	813	818	824
Maximum Power Voltage (Vmp/V)	42.11	40.58	42.29	42.38	42.47	42.56
Maximum Power Current (Imp/A)	18.91	19.00	19.10	19.19	19.28	19.37
Open-circuit Voltage (Voc/V)	50.14	50.24	50.34	50.44	50.54	50.65
Short-circuit Current (Isc/A)	20.18	20.28	20.38	20.48	20.58	20.68

BNPI: Irradiance: front 1000W/m², rear 135W/m², Cell Temperature 25°C, AM=1.5

Application Conditions

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35A
Nominal Operating Cell Temperature - NOCT	44±2°C
Bifaciality	90±5%

Engineering Drawings



Electrical Performance

I-V Curve (715W)

