



MONOCRYSTALLINE
BIFACIAL HJT HALF-CELL MODULE

H-615M~635M-120HJK

☀️ SMBB Half Cut Cell Technology

☀️ Up to 85% Bifaciality

☀️ PIB Technology

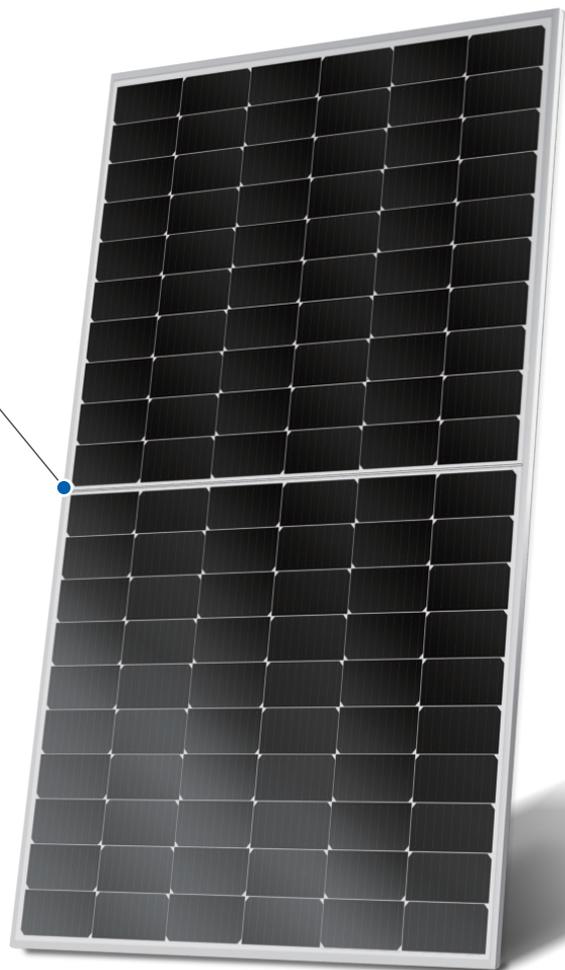
☀️ Lower LCOE, Higher Return



15-year Warranty for materials and Processing



30-year Warranty for Linear Power Output



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WORKING PARAMETERS	-40~+85	DC1500 (IEC)	30	Class II
	Operating Temperature(°C)	Max. System Voltage(V)	Maximum Series Fuse Rating (A)	Application Class

ELECTRICAL PARAMETERS | STC*

STC: Irradiance 1000W/m, Module Temperature 25°C, AM1.5

Module Model	H-615M-120HJK	H-620M-120HJK	H-625M-120HJK	H-630M-120HJK	H-635M-120HJK
Rated Max. Power(Pmax/W)	615	620	625	630	635
Power Tolerance	0~+5Wp				
Max. Power Voltage(Vmp/V)	37.53	37.69	37.86	38.03	38.19
Max. Power Current(Imp/A)	16.39	16.45	16.51	16.57	16.63
Open Circuit Voltage(Voc/V)	44.77	44.95	45.13	45.30	45.48
Short Circuit Current(Isc/A)	17.19	17.25	17.31	17.37	17.43
Module Efficiency(%)	21.73	21.91	22.08	22.26	22.44

TEMPERATURE CHARACTERISTIC

Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/°C
Nominal Module Operation Temperature	44°C±2°C

BSTC*

Maximum Power (Pmax)	680	685	690	695	700
Optimum Operating Voltage (Vmp)	37.53	37.69	37.86	38.03	38.19
Optimum Operating Current (Imp)	18.12	18.18	18.23	18.28	18.33
Open Circuit Voltage (Voc)	44.77	44.95	45.13	45.30	45.48
Short Circuit Current (Isc)	19.01	19.06	19.11	19.16	19.21

**BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25°C.

PACKAGING

Container	40' HC
Pallets Per Container	18
Modules Per Pallet (pcs)	31
Modules Per Container (pcs)	558

MECHANICAL PARAMETERS

Cell Type	HJT Mono 210X105mm
Cell Orientation	120pcs (6*20)
Module Dimensions	2172X1303X35 mm
Weight	35.3 kg
Frame	Anodised aluminum alloy
Front Glass	2.0mm anti-reflective surface solar glass
Back Glass	20mm solar glass
J-BOX	IP68
Cables	4mm ² , 300mm in length, length can be customized
Connector	MC4 Compatible
Max. Wind Load/Max. Snow Load	2400Pa/5400Pa
Bifaciality	80%±5%

SIZE I (單位: mm) Module Dimensions

