



MONOCRYSTALLINE
SILICON HALF-CELL MODULE

H-650M~670M-132HB

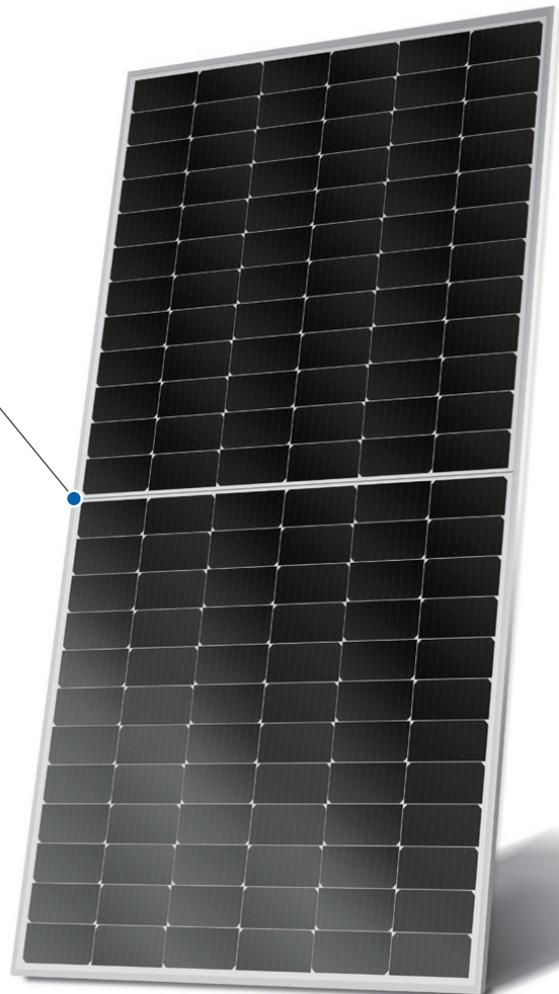
- ☀️ Module efficiency up to 21.6%
- ☀️ Excellent weak light performance
- ☀️ Lower operating temperature
- ☀️ Withstanding harsh environment



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-650M-132HB	H-655M-132HB	H-660M-132HB	H-665M-132HB	H-670M-132HB
Rated Max. Power(Pmax/W)	650	655	660	665	670
Power Tolerance	0~+5Wp				
Max. Power Voltage(Vmp/V)	37.65	37.85	38.05	38.25	38.45
Max. Power Current(Imp/A)	17.27	17.31	17.35	17.39	17.43
Open Circuit Voltage(Voc/V)	45.65	45.85	46.05	46.25	46.45
Short Circuit Current(Isc/A)	18.27	18.31	18.35	18.39	18.43
Module Efficiency(%)	20.9	21.1	21.2	21.4	21.6

TEMPERATURE CHARACTERISTIC

Temperature Coefficient of Pmax	-0.34%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	0.050%/°C
Nominal Module Operation Temperature	42 ± 2 °C

PACKAGING

Container	40' HC
Pieces per Pallet	31
Pallets per Container	18
Pieces per Container	558
Packaging box dimensions	1325×1120×2500 mm
Gross Weight per Pallet	1140 kg

MECHANICAL PARAMETERS

Cell Type	Monocrystalline silicon 210 mm
Cell Orientation	132 (6 × 22)
Module Dimensions	2384 × 1303 × 35 mm (93.9 × 51.3 × 1.4 inches)
Weight	34.5 kgs (76.1 lbs.)
Front Glass	3.2 mm (0.126 inches) fully tempered
J-BOX	IP68 rated (3 bypass diodes)
Output Cables	4.0 mm ² , (-) 350 mm (+) 160 mm in length or customized length
Max. Wind Load/Max. Snow Load	2400Pa/5400Pa

SIZE | (単位: mm) Module Dimensions

