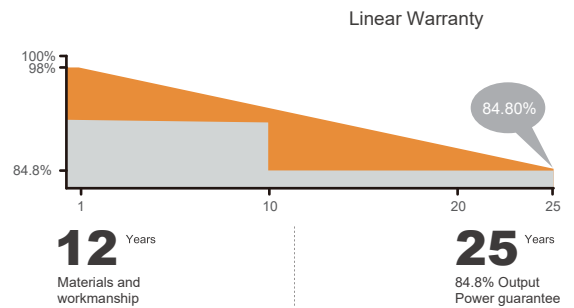




MS-M650~670(132)HC 650~670 Watt

210mm 132Cells Mono PV Module Series




 MBB PERC Solar Cell

 Excellent Low-light Performance

 100% Inspection Guarantee Reliability

 Anti PID

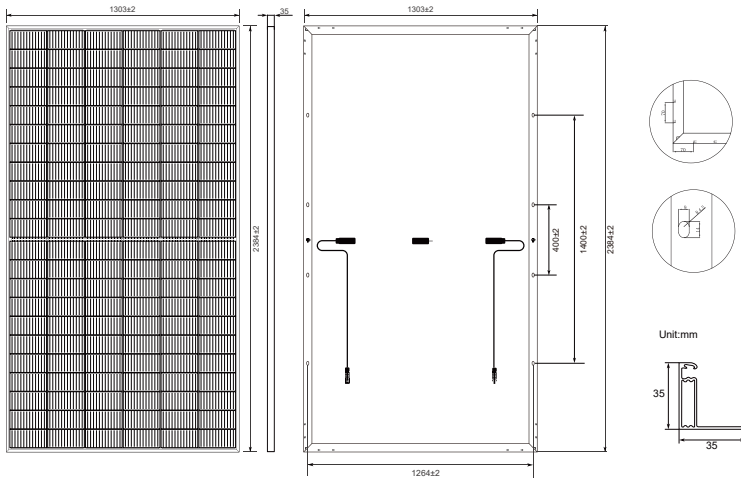
 Strengthened Mechanical Load

 High Density Packaging

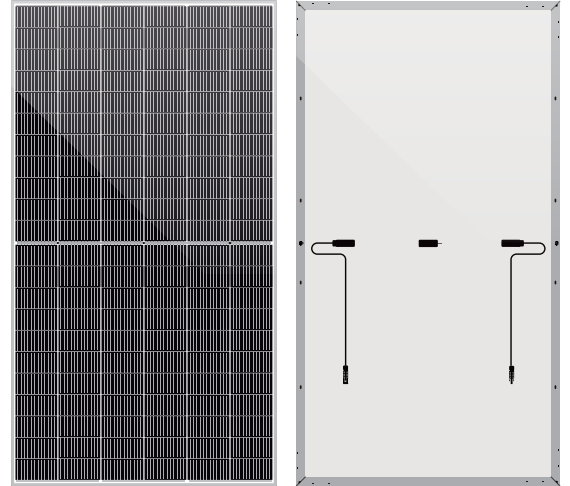


MS-M650~670(132)HC

210mm 132Cells Mono PV Module Series



All Dimensions in mm
The above drawing is a graphical representation of the product.



Transparent backsheet is available.
Bifacial Solar PV Modules can be customized.

Electrical Characteristics (STC)

Module Type	MS-M650(132)HC	MS-M655(132)HC	MS-M660(132)HC	MS-M665(132)HC	MS-M670(132)HC
	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	650	655	660	665	670
Open Circuit Voltage - Voc(V)	45.30	45.50	45.70	45.90	46.10
Short- Circuit Current - Isc(A)	18.44	18.48	18.53	18.57	18.62
Voltage at Pmax -Vmp(V)	37.40	37.60	37.80	38.00	38.20
Current at Pmax - Imp(A)	17.39	17.43	17.47	17.51	17.55
Module Efficiency -ηm(%)	20.9	21.1	21.2	21.4	21.6
Power Tolerance(W)			(0, +4.99W)		
Maximum System Voltage(V)			1500Vdc (IEC)		
Maximum Series Fuse Rating (A)			30A		

STC : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

Mechanical Specifications

External Dimensions	2384×1303×35mm
Weight	33kg
Solar Cells	Mono crystalline 210mm (2x66pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm ² , length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Temperature Characteristics

Pmax Temperature Coefficient	-0.350%/°C
Voc Temperature Coefficient	-0.275%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Packing Configuration

	2384×1303×35mm
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	18
Pieces per Container	558

Current-Voltage & Power-Voltage Curves (MS-M670(132)HC)

