

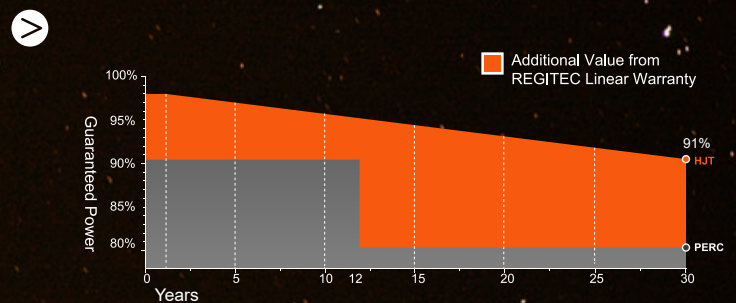
➤ **RMHHB72-455~475F2**
455~475 Watt

166mm 9BB Mono 144half-cells

HJT Bifacial Frameless PV Module

➤ **30** years product warranty

30 years performance warranty



➤ **PRODUCT FEATURE**



>93% Bifaciality



Using high efficiency mono solar cells



Excellent performance in low-light environments



High quality junction box and connector systems



100% inspection, to guarantee the reliability of solar systems



Anti LID



Anti PID



Lower temperature coefficient



Quality RFID Tracking

➤ **MANAGEMENT SYSTEM**



ISO 9001:
Quality management system



ISO 14001:
Standard for environmental management system

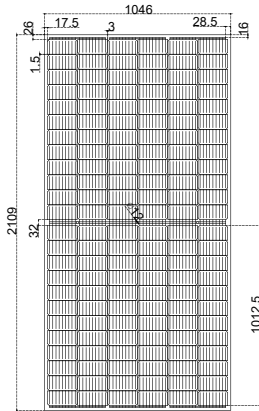


OHSAS 18001:
International standard for occupational health and safety assessment system

➤ **PRODUCT CERTIFICATES**



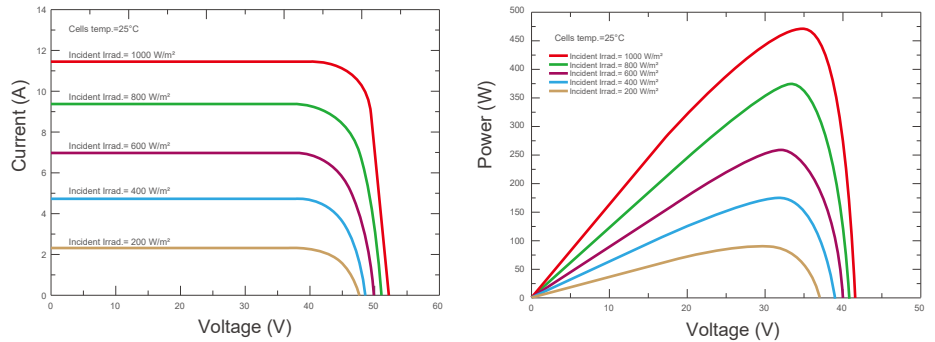
Dimension Drawing



All Dimensions in mm
The above drawing is a graphical representation of the product.
For engineering quality drawings please contact REGITEC.

I-V Graph

Current-Voltage & Power-Voltage Curves (RMHHB72-470F2)



Electrical Characteristics (STC/NOCT)

Module Type	RMHHB72-455F2		RMHHB72-460F2		RMHHB72-465F2		RMHHB72-470F2		RMHHB72-475F2	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	455	340	460	344	465	348	470	351	475	355
Open Circuit Voltage - Voc(V)	53.05	49.61	53.35	49.82	53.65	50.07	53.95	50.31	54.25	50.59
Short- Circuit Current - Isc(A)	10.90	8.72	10.94	8.80	10.98	8.83	11.02	8.84	11.06	8.87
Voltage at Pmax -Vmp(V)	45.10	41.69	45.30	41.85	45.50	42.01	45.70	42.18	45.90	42.36
Current at Pmax - Imp(A)	10.09	8.15	10.15	8.23	10.22	8.29	10.28	8.32	10.35	8.38
Module Efficiency -ηm(%)	21.0	/	21.2	/	21.4	/	21.6	/	21.8	/
Power Tolerance(W)	0 +4.99W									
Maximum System Voltage(V)	1000/1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	25A									

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

NOCT : Irradiance 800W/m² Ambient Temperature 20°C, Air Mass 1.5 Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2109 x 1046 x4.5 mm
Weight	24.5kg
Solar Cells	Mono crystalline 166x83mm (2x72pcs)
Glass	Front ARC Solar Glass 2mm , Back Toughened Glass 2mm
Frame	Anodized aluminum alloy
Junction Box	IP67
Output Cables	4.0mm ² , 1500mm in length, length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 2400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2109 x 1046 x4.5 mm
Container	40'HQ
Pieces per Pallet	33
Pallets per Container	22
Pieces per Container	726

Temperature Characteristics

Pmax Temperature Coefficient	-0.240%/°C
Voc Temperature Coefficient	-0.220%/°C
Isc Temperature Coefficient	+0.047%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C