

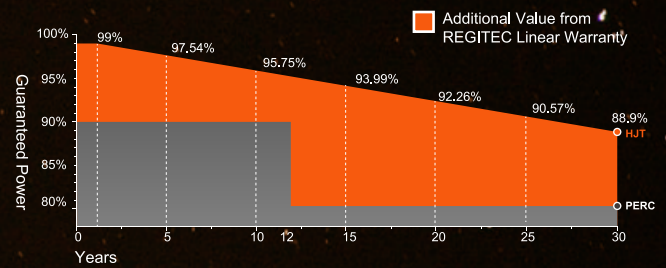
➤ **RMHHB60-485 ~505S2**
485~505 Watt

166mm 9BB Mono 156half-cells
HJT Bifacial PV Module

BLACK *BLACK FRAME/BLACK BACK-GLASS PRODUCTS ARE AVAILABLE UPON REQUEST

➤ **30** years product warranty

30 years performance warranty



➤ **PRODUCT FEATURE**

- High transmissivity, low-iron tempered glass.
- 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

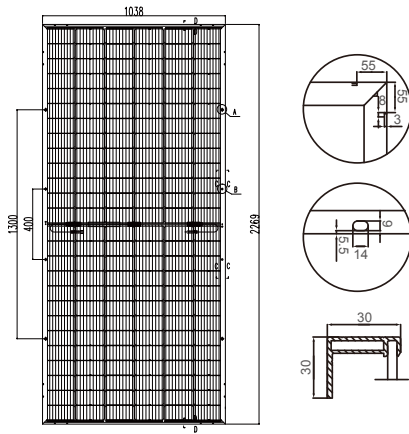
➤ **MANAGEMENT SYSTEM**

- 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**



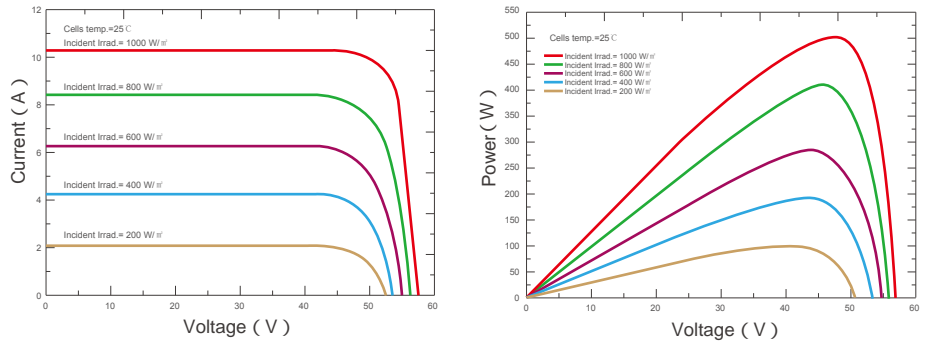
Dimension Drawing



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 (RMHHB60-505S2)



Electrical Characteristics (STC/NOCT)

Module Type	RMHHB60-485S2		RMHHB60-490S2		RMHHB60-495S2		RMHHB60-500S2		RMHHB60-505S2	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	485	364	490	368	495	371	500	375	505	379
Open Circuit Voltage - Voc(V)	57.51	53.75	57.64	53.91	57.86	54.04	57.97	54.11	58.08	54.16
Short- Circuit Current - Isc(A)	10.72	8.53	10.78	8.64	10.81	8.69	10.88	8.75	10.93	8.77
Voltage at Pmax -Vmp(V)	48.41	44.89	48.57	44.99	48.72	45.08	48.84	45.35	48.99	45.61
Current at Pmax - Imp(A)	10.02	8.11	10.10	8.18	10.17	8.23	10.24	8.27	10.31	8.31
Module Efficiency -ηm(%)	20.6	/	20.9	/	21.1	/	21.3	/	21.5	/
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	2269 x 1038 x30 mm
Weight	28.7kg
Solar Cells	Mono crystalline 166x83mm (2x78pcs)
Front Glass	AR Coated 2.0 mm + 2.0mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67
Output Cables	4.0mm ² , 200mm in length, length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2269 x 1038 x30 mm	
Container	20'GP	40'HQ
Pieces per Pallet	20	40
Pallets per Container	10	20
Pieces per Container	350	700

Temperature Characteristics

Pmax Temperature Coefficient	-0.260%/°C
Voc Temperature Coefficient	-0.240%/°C
Isc Temperature Coefficient	+0.04%/°C
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature(NOCT)	44±2°C