

> RMHHB66-680~700S3 680~700 Watt

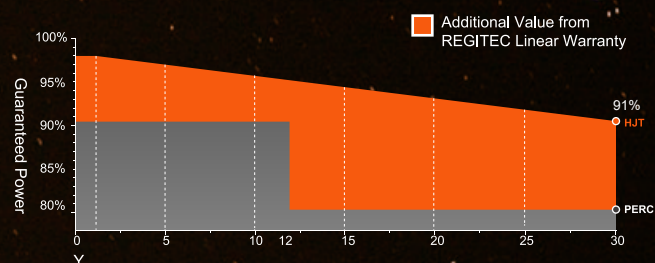
210mm SMBB Mono 132half-cells
HJT Bifacial PV Module



30 years product warranty



30 years performance warranty



> PRODUCT FEATURE



Bifaciality
>90%



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

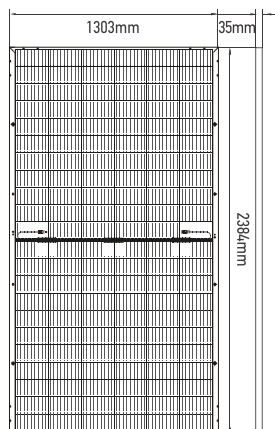


OHSAS 18001:
International standard for occupational health
and safety assessment system

> PRODUCT CERTIFICATES



Dimension Drawing

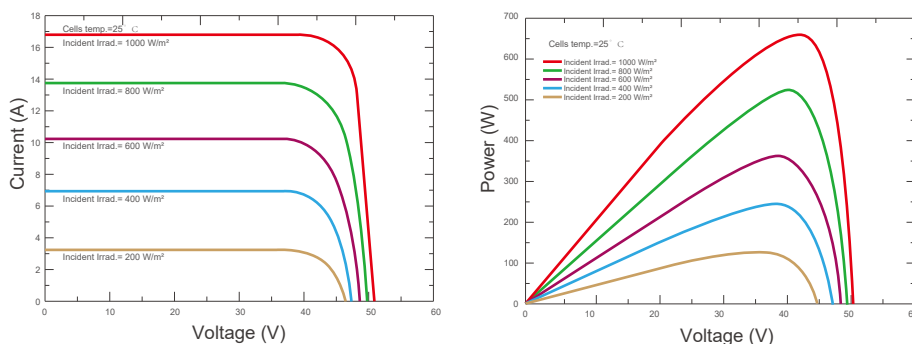


All Dimensions in mm

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 (RMHHB66-700S3)



Electrical Characteristics (STC/NOCT)

Module Type	RMHHB66-680S3		RMHHB66-685S3		RMHHB66-690S3		RMHHB66-695S3		RMHHB66-700S3	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	680	521.8	685	525.8	690	529.6	695	533.3	700	537.2
Open Circuit Voltage - Voc(V)	49.20	46.89	49.40	47.08	49.60	47.27	49.80	47.46	50.00	47.65
Short- Circuit Current - Isc(A)	17.18	13.85	17.20	13.87	17.22	13.89	17.24	13.90	17.26	13.92
Voltage at Pmax -Vmp(V)	42.08	40.36	42.32	40.59	42.55	40.81	42.77	41.02	43.00	41.25
Current at Pmax - Imp(A)	16.16	12.93	16.19	12.95	16.22	12.98	16.25	13.00	16.28	13.02
Module Efficiency -ηm(%)	21.9	/	22.1	/	22.2	/	22.4	/	22.5	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1000/1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	30A									

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	2384 x 1303 x 35 mm
Weight	38.7kg
Solar Cells	Mono crystalline 210x105mm (2x66pcs)
Glass	Front ARC Solar Glass 2mm, Back Toughened Glass 2mm
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 300mm in length, length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2384 x 1303 x 35 mm
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	17
Pieces per Container	527

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)	42±2°C