

➤ **RMHT66/675~705S2**
675~705 Watt

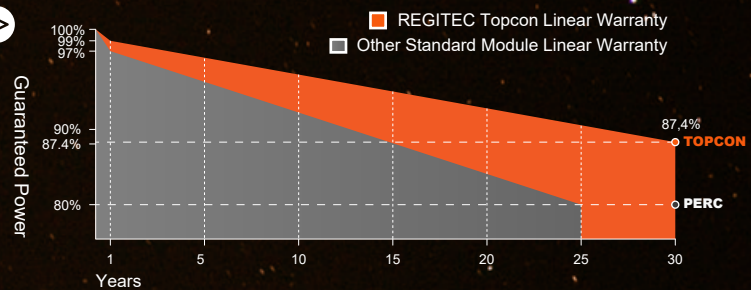
210mm mono 132Cells

TOPCon Bifacial PV Module
Glass/Glass Design



30 years product warranty

30 years performance warranty



➤ **PRODUCT FEATURE**



Bifaciality
>85%



SMBB
Technology
Half Cut
Topcon Cell



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

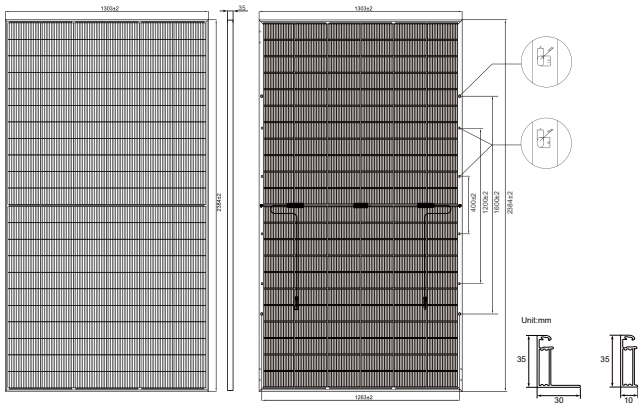


OHSAS 18001:
International standard for occupational health
and safety assessment system

➤ **PRODUCT CERTIFICATES**



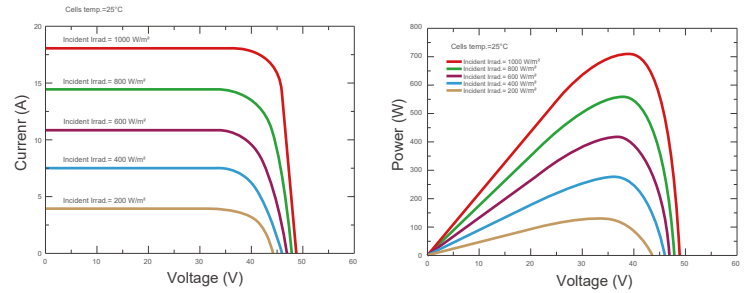
Dimension Drawing



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 (RMHT66/705S2)



Electrical Characteristics (STC/NOCT)

Module Type	RMHT66/675S2		RMHT66/680S2		RMHT66/685S2		RMHT66/690S2		RMHT66/695S2		RMHT66/700S2		RMHT66/705S2	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	675	510	680	514	685	518	690	522	695	526	700	529	705	533
Open Circuit Voltage - Voc(V)	46.90	44.40	47.10	44.60	47.30	44.80	47.50	45.00	47.70	45.20	47.90	45.40	48.10	45.50
Short- Circuit Current - Isc(A)	18.24	14.71	18.29	14.75	18.34	14.79	18.39	14.83	18.44	14.87	18.49	14.91	18.54	14.95
Voltage at Pmax -Vmp(V)	39.00	36.90	39.20	37.10	39.40	37.20	39.60	37.40	39.80	37.60	40.00	37.80	40.20	38.00
Current at Pmax - Imp(A)	17.31	13.84	17.35	13.88	17.39	13.91	17.43	13.94	17.47	13.97	17.51	14.00	17.55	14.03
Module Efficiency -ηm(%)	21.9	/	21.9	/	22.1	/	22.2	/	22.4	/	22.5	/	22.7	/
Power Tolerance(W)	(0, +4.99W)													
Maximum System Voltage(V)	1500Vdc (IEC / UL)													
Maximum Series Fuse Rating (A)	35A													

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	2384x1303x35mm
Weight	38.7kg
Solar Cells	TOPCon mono crystalline 210mm(2x66pcs)
Glass	AR Coated 2+2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm ² , 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2384x1303x35mm
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	18
Pieces per Container	558

Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.04%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C