

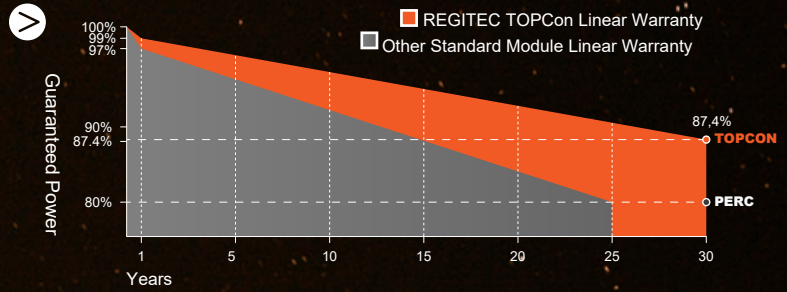
➤ **RMHT66/700~720S2**  
**700~720 Watt**

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% TEST  
MES

100% inspection,  
to guarantee  
the reliability of  
solar systems
- anti  
LID

Anti LID
- anti  
PID

Anti PID
- Lower  
temperature  
coefficient
- Quality RFID  
Tracking

➤ **MANAGEMENT SYSTEM**

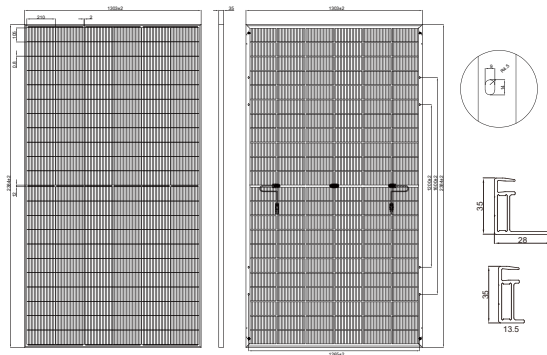
- ISO 9001:**  
Quality management system
- ISO 14001:**  
Standard for environmental management system
- OHSAS 18001:**  
International standard for occupational health  
and safety assessment system

➤ **PRODUCT CERTIFICATES**

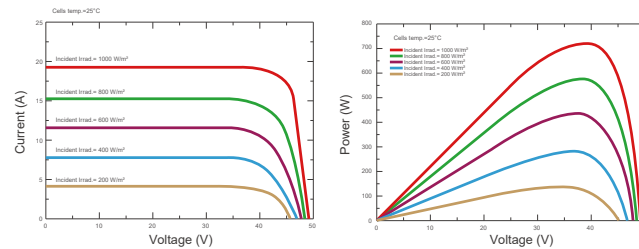


## Dimension drawing

## I-V graph



Current-Voltage & Power-Voltage Curves (RMHT66/720S2)



All Dimensions in mm

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

## Electrical characteristics (STC/BSTC)

Module Type	RMHT66/700S2		RMHT66/705S2		RMHT66/710S2		RMHT66/715S2		RMHT66/720S2	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	700	529	705	533	710	537	715	541	720	544
Open Circuit Voltage - Voc(V)	47.9	45.4	48.1	45.5	48.3	45.7	48.5	45.9	48.7	46.1
Short- Circuit Current - Isc(A)	18.49	14.91	18.54	14.95	18.59	14.99	18.64	15.03	18.69	15.07
Voltage at Pmax -Vmp(V)	40.0	37.8	40.2	38.0	40.4	38.2	40.6	38.4	40.8	38.6
Current at Pmax - Imp(A)	17.51	14.00	17.55	14.03	17.59	14.06	17.63	14.09	17.67	14.12
Module Efficiency -ηm(%)	22.5	/	22.7	/	22.9	/	22.4	/	23.2	/
Power Tolerance(W)	(0~+4.99W)									
Maximum System Voltage(V)	1000/1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	30A									

STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

NOCT : Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

## Mechanical specifications

External Dimensions	2384x1303x35mm
Weight	37.8kg
Solar Cells	TOPCon mono crystalline 210mm (2x66pcs)
Glass	AR Coated 2mm+2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , 20cm (+), 20cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

## Rear side power gain

Power Gain	5%	10%	20%
Maximum Power- Pmax(W)	746	781	852
Open Circuit Voltage - Voc(V)	48.3	48.3	48.3
Short- Circuit Current - Isc(A)	19.52	20.45	22.31
Voltage at Pmax -Vmp(V)	40.4	40.4	40.4
Current at Pmax - Imp(A)	18.47	19.35	21.11

## Packing configuration

Pallet Dimensions	1320×1125×2495mm
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