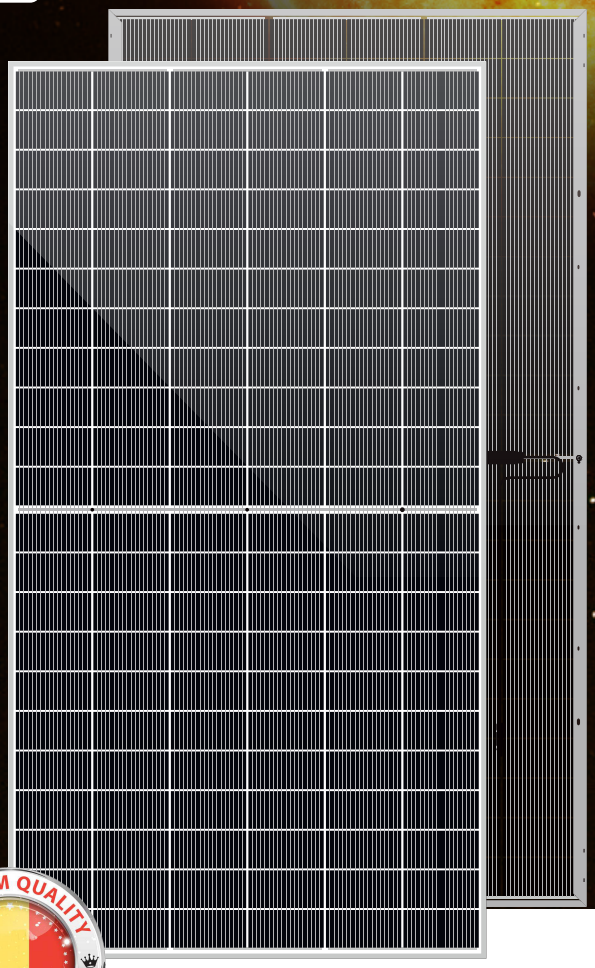
REGITEC

POWERING THE FUTURE



RMHT66/720~740S2

720~740 Watt

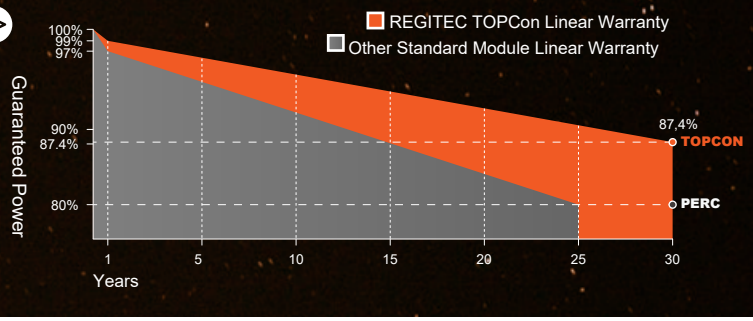
210mm mono 132Cells

TOPCon Bifacial PV Module

Glass/Glass Design

30 years product warranty

30 years performance warranty



PREMIUM QUALITY

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

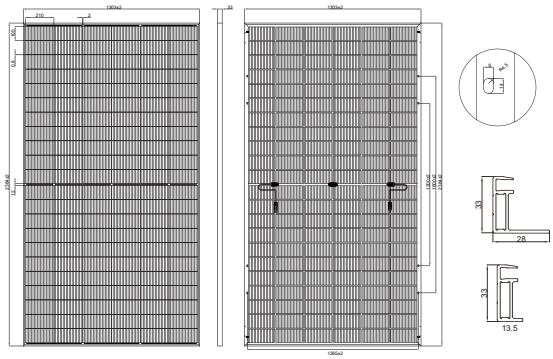
RoHS Lead-free

REGITEC

RMHT66/720~740S2

210mm 132 cells mono half cells
Glass/glass TOPCon bifacial PV module

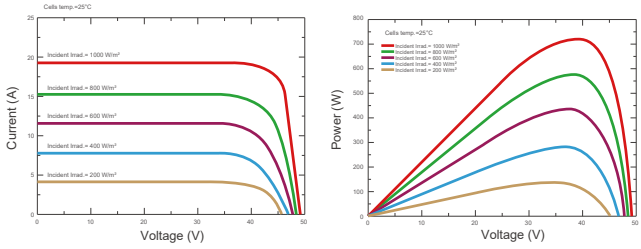
Dimension drawing



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 (RMHT66/720S2)



Electrical characteristics (STC/BSTC)

Module Type	RMHT66/720S2		RMHT66/725S2		RMHT66/730S2		RMHT66/735S2		RMHT66/740S2	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	720	544	725	548	730	552	735	555	740	559
Open Circuit Voltage - Voc(V)	49.3	46.7	49.5	46.9	49.6	47.0	49.7	47.1	49.8	47.2
Short- Circuit Current - Isc(A)	18.55	14.96	18.60	15.00	18.68	15.06	18.75	15.12	18.81	15.17
Voltage at Pmax -Vmp(V)	41.0	38.8	41.2	38.9	41.37	39.1	41.5	39.2	41.7	39.4
Current at Pmax - Imp(A)	17.55	14.03	17.60	14.07	17.65	14.11	17.70	14.15	17.75	14.19
Module Efficiency -ηm(%)	23.2	/	23.3	/	23.5	/	23.7	/	23.8	/
Power Tolerance(W)	(0~+4.99W)									
Maximum System Voltage(V)	1000/1500Vdc (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	2384x1303x33mm
Weight	37.3kg
Solar Cells	TOPCon mono crystalline 210mm (2x66pcs)
Glass	AR Coated 2mm+2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 20cm (+), 20cm (-), length can be customized
Connector	Staübli MC4
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Rear side power gain

Power Gain	5%	10%	20%
Maximum Power- Pmax(W)	777	814	888
Open Circuit Voltage - Voc(V)	49.8	49.8	49.8
Short- Circuit Current - Isc(A)	19.75	20.69	22.57
Voltage at Pmax -Vmp(V)	41.7	41.7	41.7
Current at Pmax - Imp(A)	18.64	19.53	21.3

Packing configuration

Pallet Dimensions	1320×1125×2495mm
Container	40'HQ
Pieces per Pallet	33
Pallets per Container	18
Pieces per Container	594

Temperature characteristics

Pmax Temperature Coefficient	-0.280%/°C
Voc Temperature Coefficient	-0.240%/°C
Isc Temperature Coefficient	+0.046%/°C
Operating Temperature	-40~ +85°C
Nominal Operating Cell Temperature (NOCT)	45±2°C