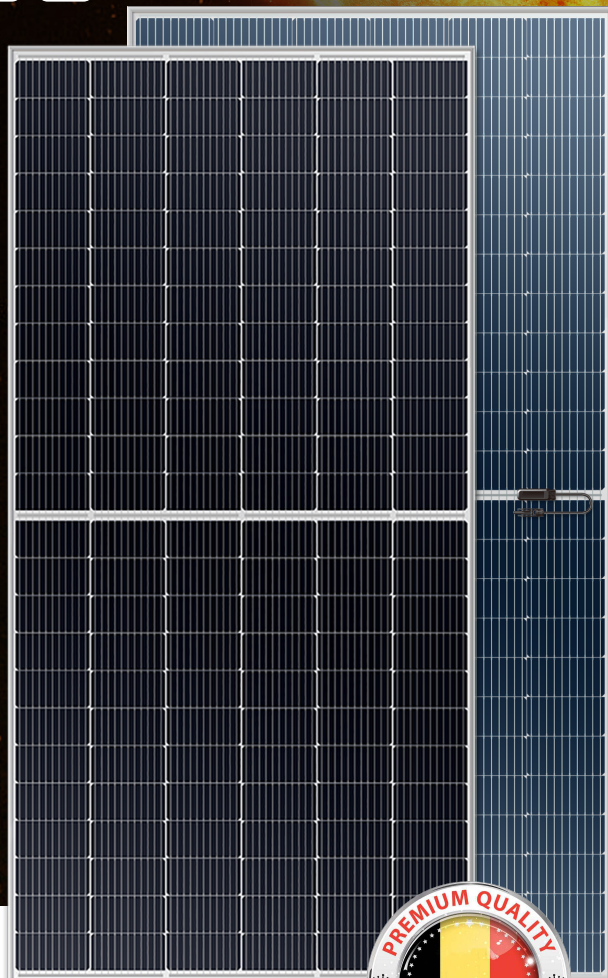




> RMH72/525~550S2 525~550 Watt

182mm mono 144Cells

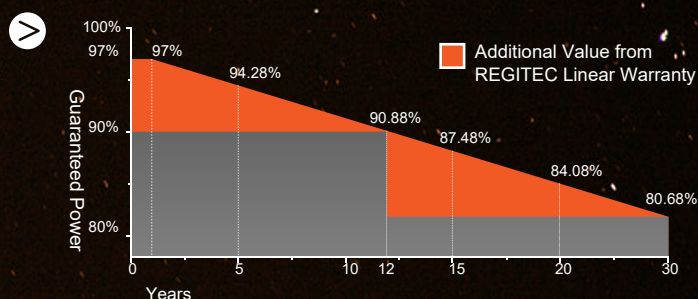
Glass/Glass Bifacial PV Module

BLACK

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

> **25** years product warranty

30 years performance warranty



> PRODUCT FEATURE



Bifacial



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

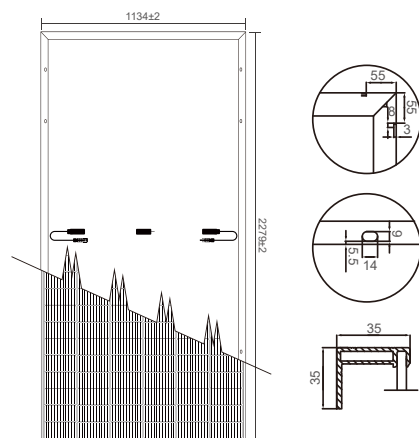
> PRODUCT CERTIFICATES



Solutions



Dimension Drawing

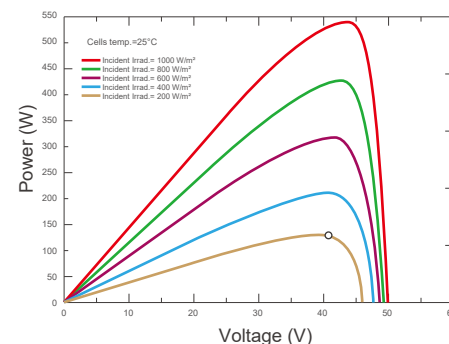
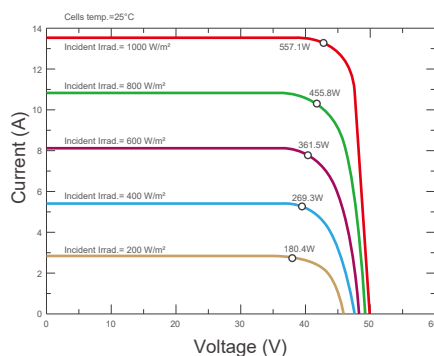


All Dimensions in mm

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 (RMH72/550S2)



Electrical Characteristics (STC/NOCT)

Module Type	RMH72/525S2		RMH72/530S2		RMH72/535S2		RMH72/540S2		RMH72/545S2		RMH72/550S2	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	525	397	530	401	535	405	540	408	545	412	550	416
Open Circuit Voltage - Voc(V)	49.15	46.05	49.30	46.18	49.45	46.31	49.60	46.43	49.75	46.55	49.90	46.68
Short- Circuit Current - Isc(A)	13.65	10.97	13.72	11.01	13.79	11.05	13.86	11.09	13.93	11.13	14.00	11.17
Voltage at Pmax -Vmp(V)	41.15	38.36	41.31	38.57	41.47	38.78	41.64	38.99	41.80	39.20	41.96	39.43
Current at Pmax - Imp(A)	12.76	10.35	12.83	10.39	12.90	10.43	12.97	10.47	13.04	10.51	13.11	10.55
Module Efficiency -ηm(%)	20.3	/	20.5	/	20.7	/	20.9	/	21.1	/	21.3	/
Power Tolerance(W)	(0~+4.99W)											
Maximum System Voltage(V)	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	2279x1134x35mm
Weight	31.8kg
Solar Cells	Mono crystalline 182x91mm (2x72pcs)
Front Glass	Front ARC Solar Glass 2mm , Back Toughened Glass 2mm
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 1200mm (+) , 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2279x1134x35mm	
Container	20'GP	40'HQ
Pieces per Pallet	31	31
Pallets per Container	5	20
Pieces per Container	155	620

Temperature Characteristics

Pmax Temperature Coefficient	-0.350%/°C
Voc Temperature Coefficient	-0.275%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C