

➤ **RMH54-390~415S1**  
**390~415 Watt**

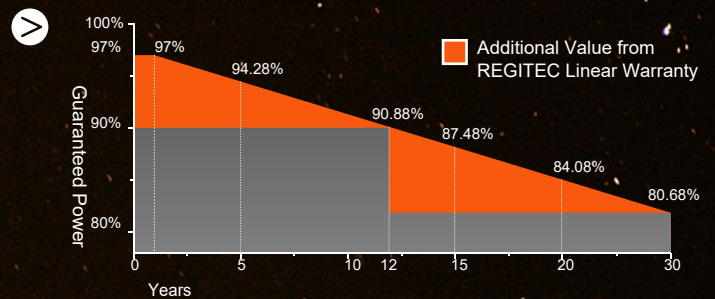
182mm 108Cells PV Module

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





➤ **25** years product warranty


**30** years performance warranty





➤ **PRODUCT FEATURE**


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High transmissivity, low-iron tempered glass.
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Using high efficiency mono solar cells
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Excellent performance in low-light environments
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High quality junction box and connector systems
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100% inspection, to guarantee the reliability of solar systems
- 


Anti LID
- 


Anti PID
- 


Lower temperature coefficient
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Quality RFID Tracking

➤ **MANAGEMENT SYSTEM**

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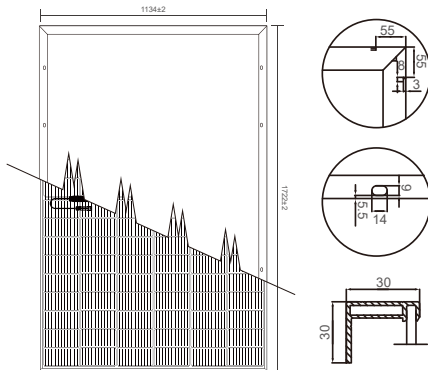
**ISO 9001 :**  
Quality management system
- 

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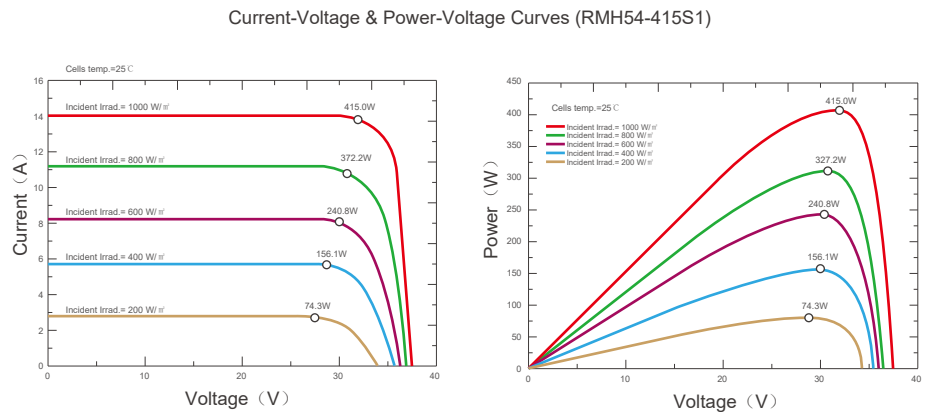
**OHSAS 18001 :**  
International standard for occupational health and safety assessment system

➤ **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**

**Electrical Characteristics (STC/NOCT)**

Module Type	RMH54-390S1		RMH54-395S1		RMH54-400S1		RMH54-405S1		RMH54-410S1		RMH54-415S1	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	390	294	395	298	400	302	405	306	410	310	415	314
Open Circuit Voltage - Voc(V)	36.85	34.62	36.98	34.75	37.07	34.88	37.23	35.12	37.32	35.23	37.45	35.37
Short-Circuit Current - Isc(A)	13.61	10.89	13.70	10.96	13.79	11.03	13.87	11.10	13.95	11.16	14.02	11.22
Voltage at Pmax -Vmp(V)	30.64	28.87	30.84	29.08	31.01	29.26	31.21	29.47	31.45	29.72	31.61	29.89
Current at Pmax - Imp(A)	12.73	10.18	12.81	10.25	12.90	10.32	12.98	10.38	13.04	10.43	13.13	10.50
Module Efficiency -ηm(%)	20.0	/	20.2	/	20.5	/	20.8	/	21.0	/	21.3	/
Power Tolerance(W)	(0, +4.99W)											
Maximum System Voltage(V)	1500Vdc (IEC / UL)											
Maximum Series Fuse Rating (A)	25A											

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	1722x1134x30mm
Weight	21.5kg
Solar Cells	Mono crystalline 182mm (2x54pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , 1200mm (+), 1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

**Packing Configuration**

	1722x1134x30mm	
Container	20'GP	40'HQ
Pieces per Pallet	63	36
Pallets per Container	6	26
Pieces per Container	378	936

**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