

> RMH54-390~415B1 390~415 Watt

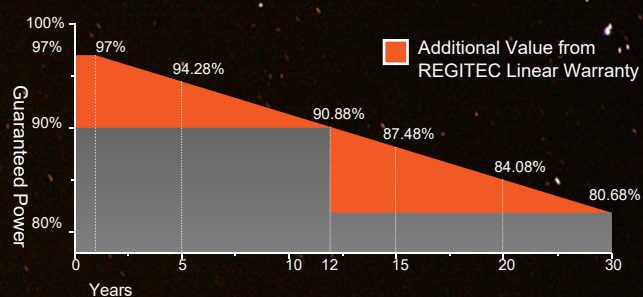
182mm 108Cells PV Module

BLACK

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

> **25** years product warranty

30 years performance warranty



> PRODUCT FEATURE



High transmissivity,
low-iron
tempered glass.



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

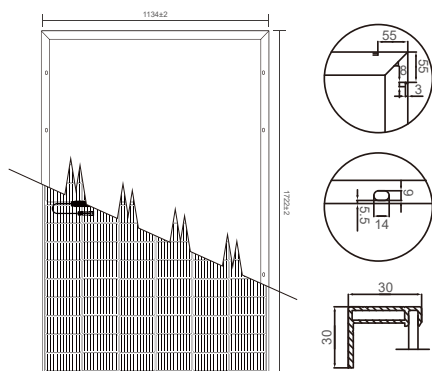
> PRODUCT CERTIFICATES



Solutions



Dimension Drawing

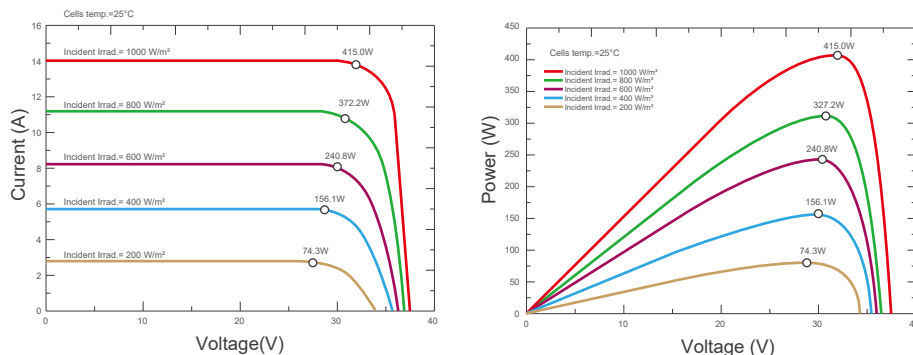


All Dimensions in mm

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 (RMH54-415B1)



Electrical Characteristics (STC/NOCT)

Module Type	RMH54-390B1		RMH54-395B1		RMH54-400B1		RMH54-405B1		RMH54-410B1		RMH54-415B1	
	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/m², Cell Temperature 25°C, Air Mass 1.5

NOCT : Irradiance 800W/m², Ambient Temperature 20°, 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	4.0mm², 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	36	36
Pallets per Container	6	26
Pieces per Container	216	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