



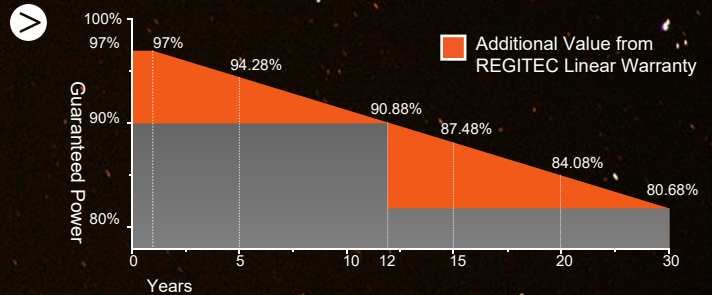
➤ **RMH54-390~415AB2**
390~415 Watt

182mm 108Cells PV Module

Bifacial All Black Glass/Glass

➤ **30** 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

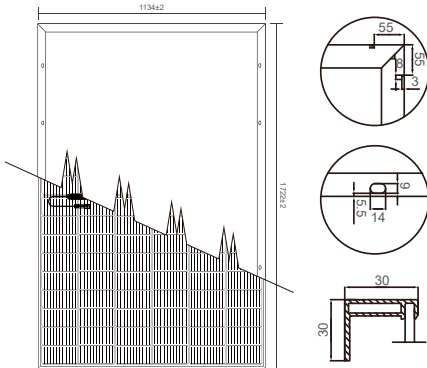
➤ **PRODUCT CERTIFICATES**



Solutions



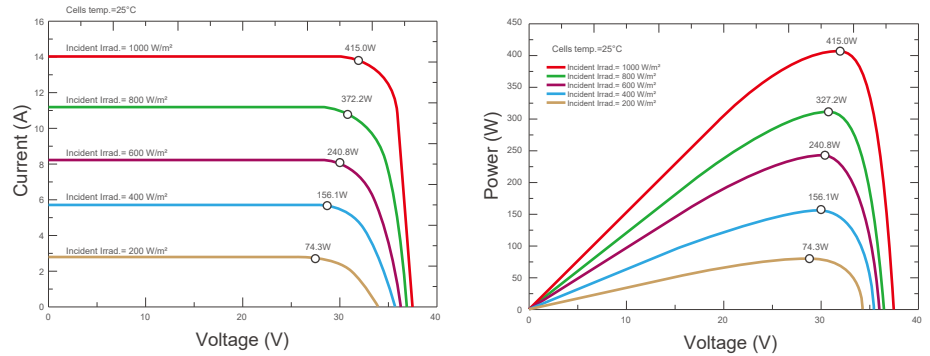
Dimension Drawing



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 (RMH54/415AB2)



Electrical Characteristics (STC/NOCT)

| Module Type | RMH54/390AB2 | | RMH54/395AB2 | | RMH54/400AB2 | | RMH54/405AB2 | | RMH54/410AB2 | | RMH54/415AB2 | |
|---------------------------------|--------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| | 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 1000 W/m², Cell Temperature 25°C, Air Mass 1.5

NOCT : Irradiance 800 W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

Mechanical Specifications

| | |
|---------------------|---|
| External Dimensions | 1722x1134x30mm |
| Weight | 22.2kg |
| Solar Cells | PERC Mono crystalline 182x91mm (2x54pcs) |
| Front Glass | Front ARC Solar Glass 1.6mm , Back Toughened Glass 1.6mm |
| 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. 5400Pa |

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 |