



➤ **RMHT54/310-330R1**
310~330 Watt

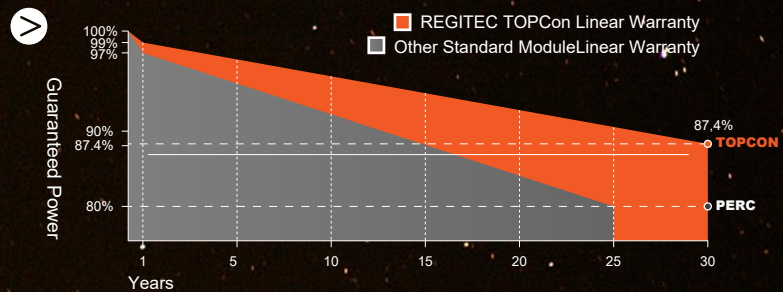
182mm 16BB 108 Half-cells Red

TOPCon BIPV Module

RAL4004

➤ **25** years product warranty

30 years performance warranty



➤ **PRODUCT FEATURE**

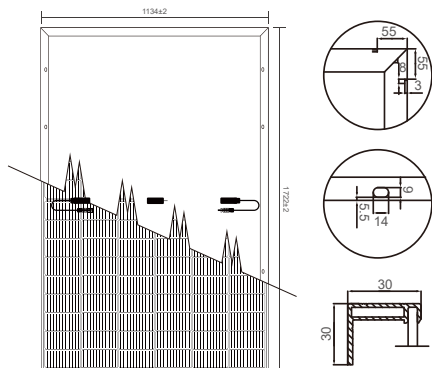
- High transmissivity, low-iron tempered glass.
- SMBB Technology Half Cut Topcon Cell
- Excellent performance in low-light environments
- High quality junction box and connector systems
- 100% inspection, to guarantee the reliability of solar systems
- Anti LID
- Anti PID
- Lower temperature coefficient
- Quality RFID Tracking

➤ **MANAGEMENT SYSTEM**

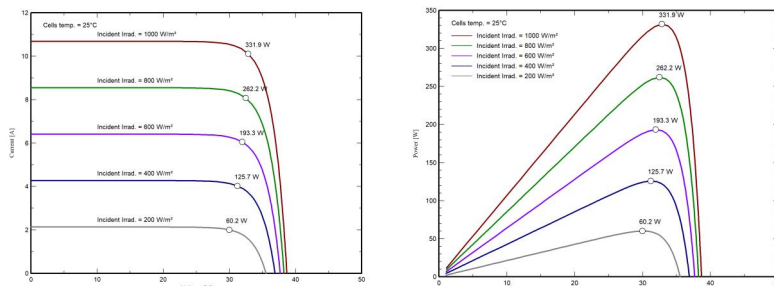
- ISO 9001:**
Quality management system
- ISO 14001:**
Standard for environmental management system
- OHSAS 18001:**
International standard for occupational health and safety assessment system

➤ **PRODUCT CERTIFICATES**



Dimension Drawing
I-V Graph


Current-Voltage & Power-Voltage Curves (RMHT54/330R1)



All Dimensions in mm
 The above drawing is a graphical representation of the product.
 For engineering quality drawings please contact REGITEC.

Electrical Characteristics (STC)

Module Type	RMHT54/310R1	RMHT54/315R1	RMHT54/320R1	RMHT54/325R1	RMHT54/330R1
	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	310	315	320	325	330
Open Circuit Voltage - Voc(V)	37.92	38.11	38.30	38.49	38.68
Short- Circuit Current - Isc(A)	10.25	10.38	10.49	10.58	10.68
Voltage at Pmax -Vmp(V)	31.33	31.52	31.71	31.89	32.08
Current at Pmax - Imp(A)	9.89	9.99	10.09	10.19	10.29
Module Efficiency -ηm(%)	15.87	16.13	16.38	16.64	16.89
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	1722x1134x30mm
Weight	20.5kg
Solar Cells	Mono crystalline TOPCon 182x91mm (2x54pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 1000mm (+), 1000mm (-), 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	-0.300%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.04%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C