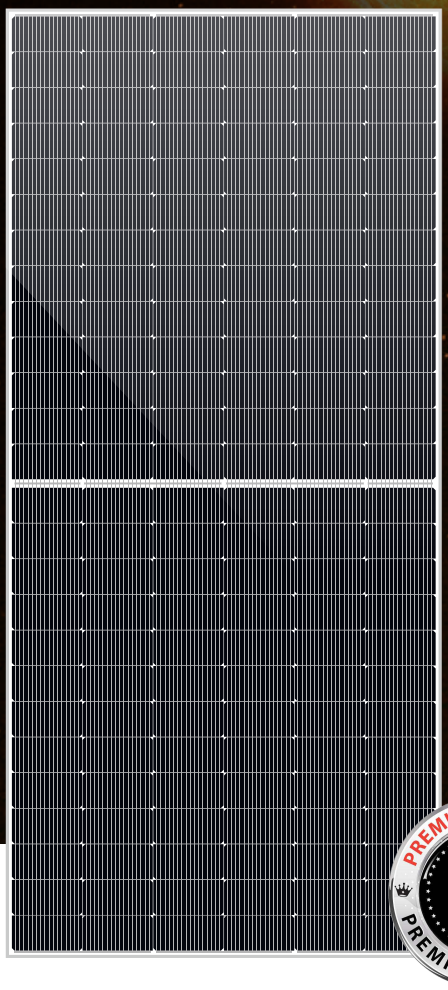
REGITEC

POWERING THE FUTURE



RMHT78/615~635S1

615~635 Watt

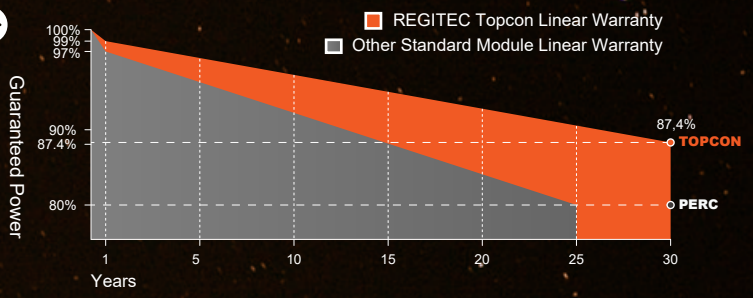
182mm 16BB mono 156Cells

TOPCon PV Module

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

25 years product warranty

30 years performance warranty



PREMIUM QUALITY

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

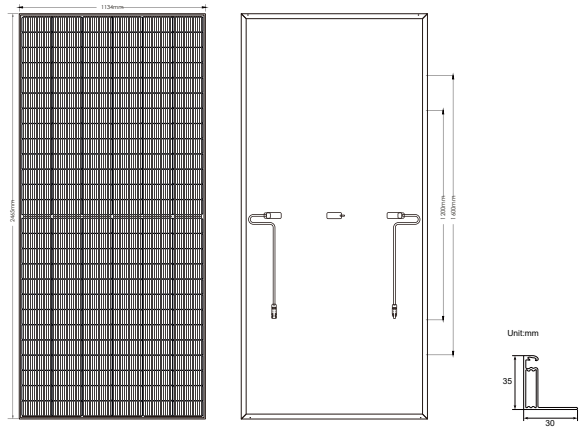
TUV NORD · CE · IEC · UL Solutions · RoHS Lead-free

REGITEC

RMHT78/615~635S1

182mm 16BB 156Cells Mono Half Cells
TOPCon PV Module

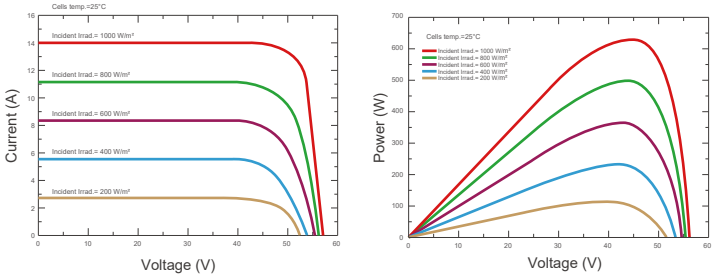
Dimension Drawing



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 (RMHT78/635S1)



Electrical Characteristics (STC/NOCT)

Module Type	RMHT78/615S1		RMHT78/620S1		RMHT78/625S1		RMHT78/630S1		RMHT78/635S1	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	615	463	620	467	625	471	630	475	635	479
Open Circuit Voltage - Voc(V)	56.25	42.75	56.40	42.86	56.55	42.98	56.70	43.09	56.85	43.21
Short- Circuit Current - Isc(A)	13.80	11.14	13.86	11.19	13.92	11.24	13.98	11.28	14.04	11.33
Voltage at Pmax -Vmp(V)	46.81	43.85	46.97	44.00	47.14	44.14	47.30	44.29	47.46	44.43
Current at Pmax - Imp(A)	13.14	10.57	13.20	10.62	13.26	10.67	13.32	10.72	13.38	10.77
Module Efficiency -ηm(%)	22.00	/	22.18	/	22.36	/	22.54	/	22.72	/
Power Tolerance(W)	（0，+4.99W）									
Maximum System Voltage(V)	1000/1500Vdc (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	2465×1134×35mm
Weight	29.5kg
Solar Cells	Mono crystalline 182mm (2x78pcs)
Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 120cm (+), 120cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2465×1134×35mm
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	62
Pieces per Container	496

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