

➤ **RMHT20/160F2**
160 Watt

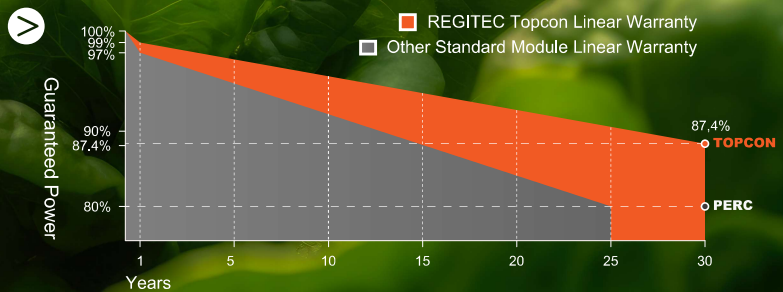
182mm 16BB mono 40 Cells

TOPCon Bifacial PV Module

Frameless Glass/Glass Design

➤ **25** years product warranty

30 years performance warranty



AGRI-PV
TRANSMITTANCE
70(%)

➤ **PRODUCT FEATURE**



Bifaciality
> 85%



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

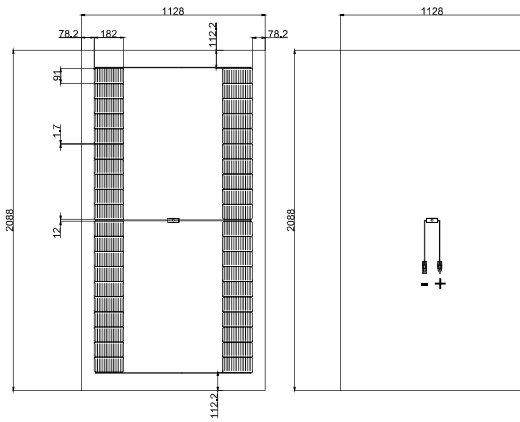


OHSAS 18001:
International standard for occupational health
and safety assessment system

➤ **PRODUCT CERTIFICATES**



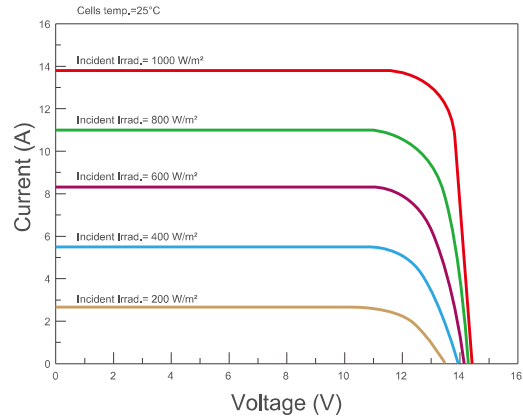
Dimension Drawing



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 (RMHT20/160F2)



Electrical Characteristics (STC)

Module Type	RMHT20/160F2
	STC
Maximum Power- Pmax(W)	160
Open Circuit Voltage - Voc(V)	14.06
Short- Circuit Current - Isc(A)	13.77
Voltage at Pmax -Vmp(V)	12.3
Current at Pmax - Imp(A)	13.01
Module Efficiency -ηm(%)	6.7
Power Tolerance(W)	(0~+4.99W)
Maximum System Voltage(V)	1000Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	25A
Bifaciality(%)	85%

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	2088*1128*5mm
Weight	27kg
Solar Cells	Mono crystalline 182mm (2x20pcs)
Glass	2+2 mm tempered glass
Frame	Can be Framed
Junction Box	IP67
Output Cables	4.0mm ² , 120cm (+), 120cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	2088*1128*5mm	
Container	20'GP	40'HQ
Pieces per Pallet	34	34
Pallets per Container	8	18
Pieces per Container	272	612

Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C