

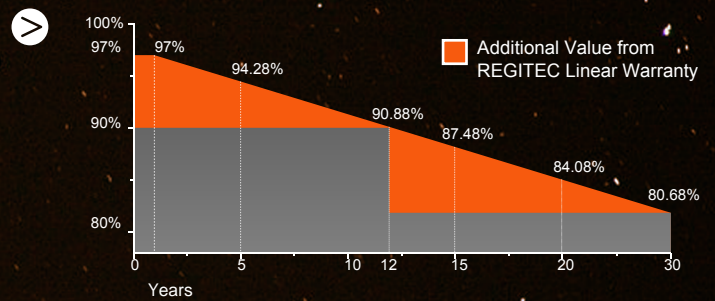


➤ **RM72-375~390AB1**  
**375~390 Watt**

158mm 72Cells PV Module

➤ **25** years product warranty

**30** years performance warranty



➤ **PRODUCT FEATURE**

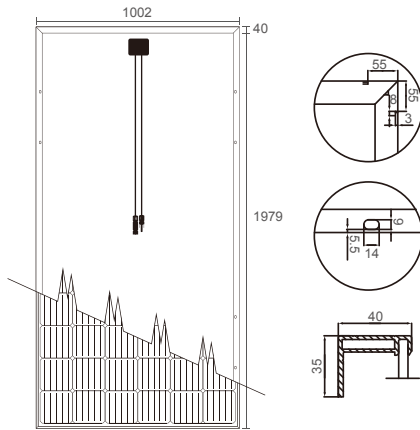
- High transmissivity, low-iron tempered glass.
- Using high efficiency mono solar cells
- Excellent performance in low-light environments
- High quality junction box and connector systems
- 100% inspection, to guarantee the reliability of solar systems
- Anti LID
- Anti PID
- Lower temperature coefficient
- 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**

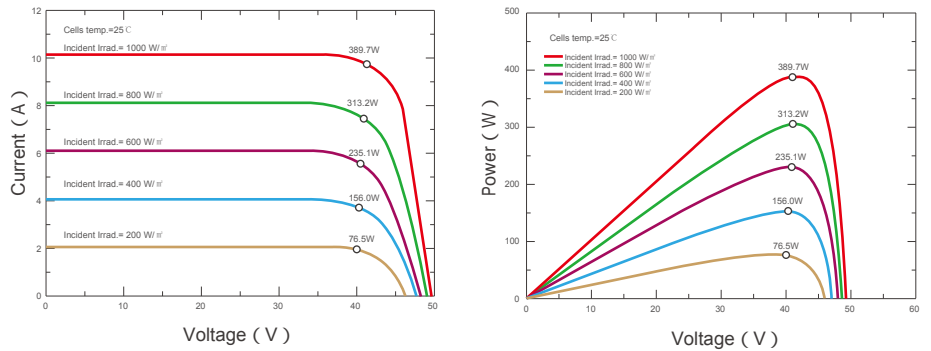


**Dimension Drawing**


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 &amp; Power-Voltage Curves (RM72-390AB1)


**Electrical Characteristics (STC/NOCT)**

Module Type	RM72-375AB1		RM72-380AB1		RM72-385AB1		RM72-390AB1	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	375	277	380	281	385	285	390	289
Open Circuit Voltage - Voc(V)	48.7	46	48.9	46.3	49.1	46.6	49.3	46.9
Short- Circuit Current - Isc(A)	9.58	7.66	9.75	7.70	9.92	7.74	10.12	7.78
Voltage at Pmax -Vmp(V)	40.2	37.9	40.5	38.2	40.8	38.5	41.1	38.8
Current at Pmax - Imp(A)	9.34	7.33	9.39	7.37	9.44	7.41	9.49	7.45
Module Efficiency -ηm(%)	18.91	/	19.16	/	19.42	/	19.67	/
Power Tolerance(W)	(0, +4.99W)							
Maximum System Voltage(V)	1000/1500Vdc (IEC / UL)							
Maximum Series Fuse Rating (A)	20A							

STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

NOCT : Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

**Mechanical Specifications**

External Dimensions	1979X1002X40mm
Weight	22.5kg
Solar Cells	Mono crystalline 158.75x158.75mm (72pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , 1000mm (+), 1000mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

**Packing Configuration**

	1979X1002X40mm	
Container	20'GP	40'HQ
Pieces per Pallet	27	29
Pallets per Container	10	22
Pieces per Container	270	638

**Temperature Characteristics**

Pmax Temperature Coefficient	-0.370%/°C
Voc Temperature Coefficient	-0.28%/°C
Isc Temperature Coefficient	+0.048%/°C
Operating Temperature	-40 ~ +85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C