

RM72-380~400S1 380~400 Watt

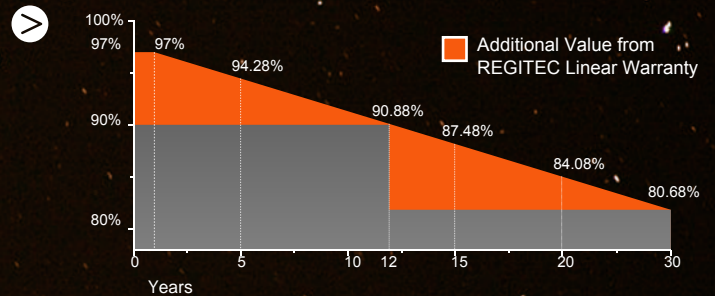
158mm 72Cells PV Module

BLACK

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

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

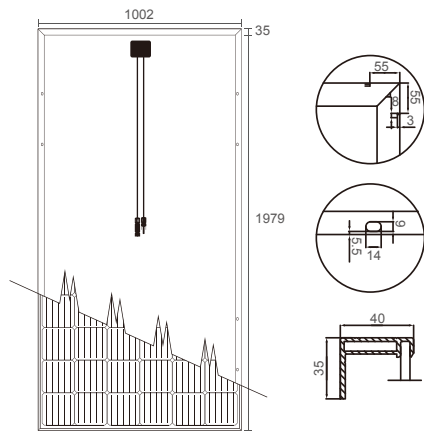


OHSAS 18001 :
International standard for occupational health and safety assessment system

PRODUCT CERTIFICATES



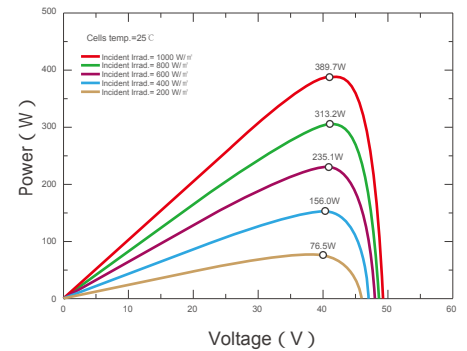
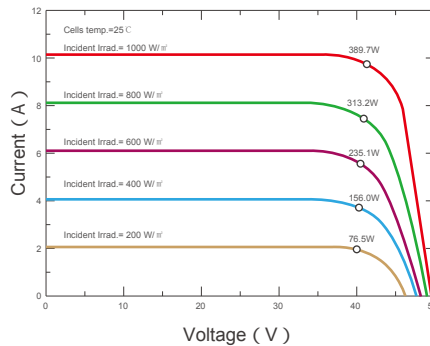
Dimension Drawing



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 & Power-Voltage Curves (RM72-385S1)



Electrical Characteristics (STC/NOCT)

Module Type	RM72-380S1		RM72-385S1		RM72-390S1		RM72-395S1		RM72-400S1	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	380	281	385	285	390	289	395	292	400	295
Open Circuit Voltage - Voc(V)	48.9	46.3	49.1	46.6	49.3	46.9	49.5	47.2	49.8	47.5
Short- Circuit Current - Isc(A)	9.75	7.70	9.92	7.74	10.12	7.78	10.23	7.82	10.36	7.86
Voltage at Pmax -Vmp(V)	40.5	38.2	40.80	38.5	41.1	38.8	41.4	39.1	41.7	39.4
Current at Pmax - Imp(A)	9.39	7.37	9.44	7.41	9.49	7.45	9.55	7.49	9.60	7.53
Module Efficiency -ηm(%)	19.16	/	19.42	/	19.67	/	19.92	/	20.17	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1000/1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	20A									

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	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 ² , 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