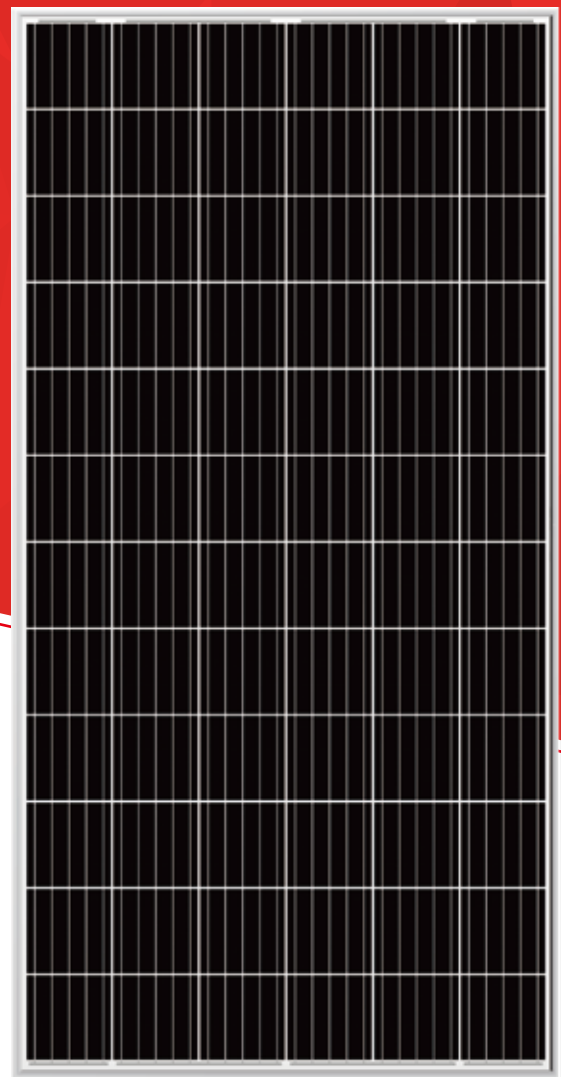


SRP-6MA SERIES 6 INCH 72 CELLS

# 370-385w



## KEY FEATURES



Bankable products



Anti-PID products



Top rank in Photon yield measurement



Safety for salt mist corrosion  
Safety for ammonia corrosion



Safety for fire risk



Outstanding power output capability at low irradiance



Triple 100% Electroluminescence (EL) tests minimize breakage rate



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate

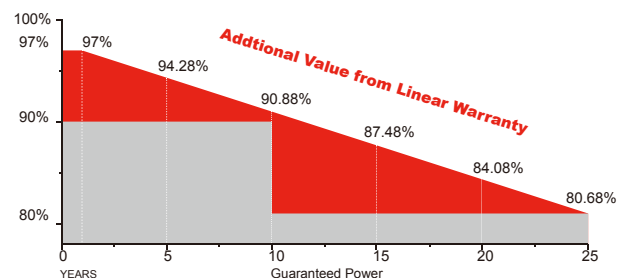
## MANAGEMENT SYSTEM

**ISO 9001:** Quality management system

**ISO 14001:** Standard for environmental management system

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

## WARRANTY



Guarantee on product material and workmanship



linear power output warranty

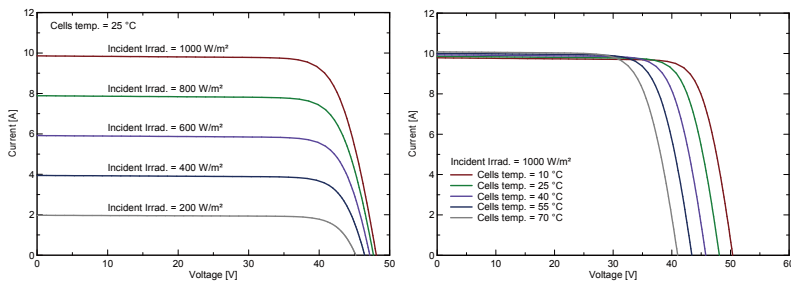
Specifications are subject to change without further notification SRP-DS-EN-2019V1.0-T0201 © Copyright 2019 Seraphim

**Electrical Characteristics**

Module Type	SRP-370-6MA		SRP-375-6MA		SRP-380-6MA		SRP-385-6MA	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P <sub>mp</sub> (W)	370	277	375	281	380	285	385	289
Open Circuit Voltage -V <sub>oc</sub> (V)	48.1	44.7	48.4	45.0	48.6	45.2	48.8	45.4
Short Circuit Current -I <sub>sc</sub> (A)	9.86	7.94	9.92	7.99	9.99	8.06	10.07	8.12
Maximum Power Voltage -V <sub>mp</sub> (V)	39.6	36.8	39.9	37.1	40.1	37.3	40.3	37.5
Maximum Power Current -I <sub>mp</sub> (A)	9.35	7.53	9.40	7.58	9.48	7.65	9.56	7.71
Module Efficiency STC-η <sub>m</sub> (%)	18.54		18.79		19.04		19.29	
Power Tolerance (W)	(0,+4.99)							
Maximum System Voltage (V)	1000VDC							
Maximum Series Fuse Rating (A)	20A							
Pmax Temperature Coefficient	-0.38%/°C							
Voc Temperature Coefficient	-0.28 %/°C							
Isc Temperature Coefficient	+0.05 %/°C							
Operating Temperature	-40~+85 °C							
Nominal Operating Cell Temperature	45±2 °C							

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5  
 NOCT: Irradiance 800 W/m<sup>2</sup> ambient temperature 20°C wind speed :1m/s Power measurement tolerance: +/-3%

**Curve**



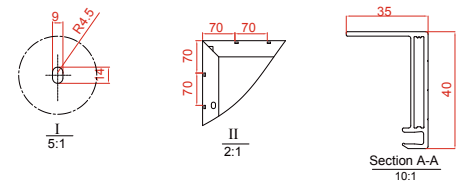
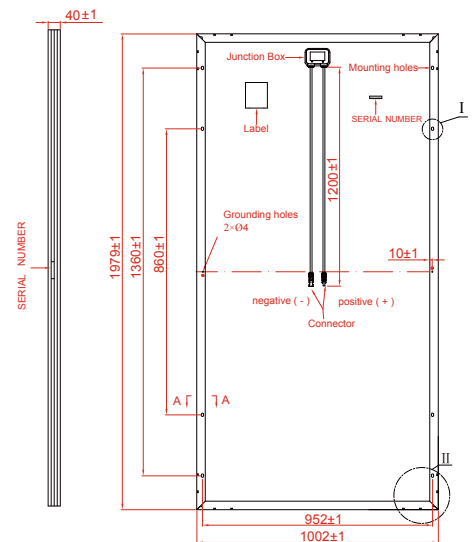
**Mechanical Specifications**

External Dimension	1979 x 1002 x 40mm
Weight	22.5kg
Solar Cells	PERC Mono crystalline 158.75 x 158.75 mm (72pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP67
Output Cables	4.0 mm <sup>2</sup> , cable length:1200mm or customized
Connector	MC4 Compatible
Mechanical Load	5400 Pa

**Packing Configuration**

External Dimension	1979 x 1002 x 40mm	
Container	20'GP	40'GP
Pieces per Pallet	27	27
Pallets per Container	10	22
Pieces per Container	270	594

**Technical drawing(SRP-XXX-6MA)**



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