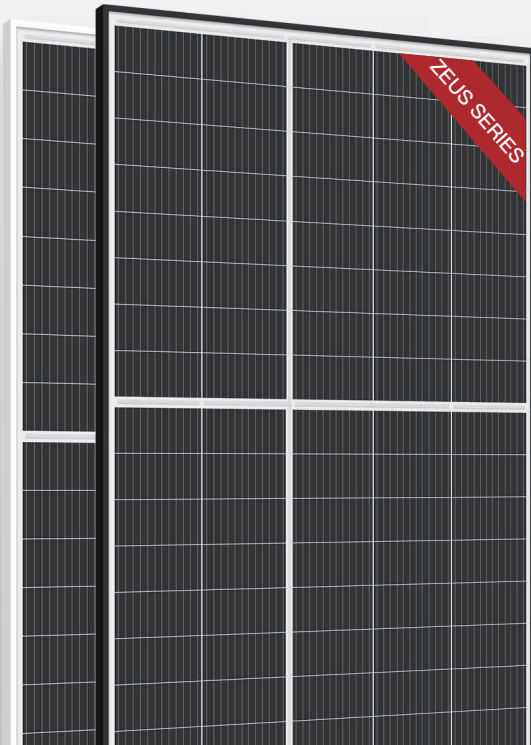




Gaia



Gaia  
G12 Half Cell Mono Solar Module

SR-40MAXH

385~405W

- SR-40MAX385H
- SR-40MAX390H
- SR-40MAX395H
- SR-40MAX400H
- SR-40MAX405H

IEC61215/IEC61730

ISO9001:Quality Management System ISO14001:Environmental Management System

ISO45001:Occupational Health and Safety Management System



PID Resistance



Non-destructive cutting



MBB Half Cut Cell  
With PERC Technology



Strengthened Mechanical  
Support 5400 Pa Snow  
Load, 2400 Pa Wind Load

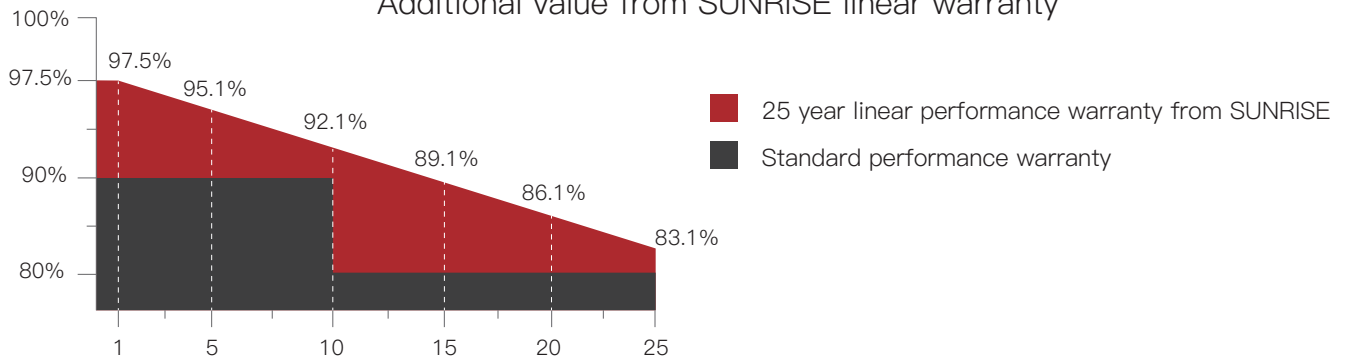


High density packaging



Better Low-light  
Performance

Additional value from SUNRISE linear warranty



SUNRISE ENERGY CO., LTD

TEL:+86-519-81688389

Web:www.sunriseenergy.cn

E-mail:info@sunriseenergy.cn

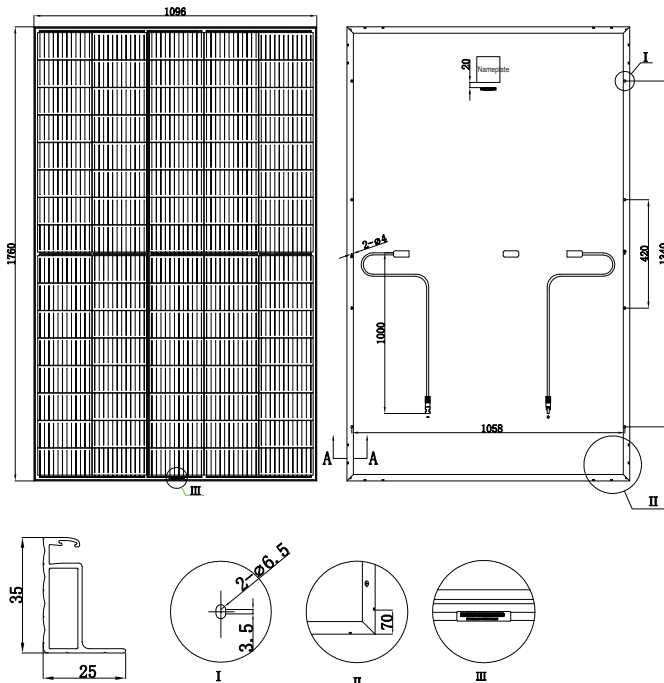
ADD:No.20 Tongzi River West Road, Zhonglou Development Zone, Changzhou, Jiangsu

Module Type		SR-40MAX385H		SR-40MAX390H		SR-40MAX395H		SR-40MAX400H		SR-40MAX405H	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(W)	0~+5									
Module Efficiency	(%)	19.96		20.22		20.48		20.74		21.00	
Maximum Power	Pmax(W)	385	291.45	390	295.24	395	299.02	400	302.81	405	306.6
Open Circuit Voltage	Voc(V)	28.67	27.02	28.92	27.26	29.18	27.50	29.43	27.74	29.68	27.98
Short Circuit Current	Isc(A)	17.19	13.85	17.26	13.91	17.33	13.96	17.40	14.02	17.47	14.07
Maximum Power Voltage	Vm(V)	23.79	22.14	24.00	22.34	24.21	22.53	24.42	22.73	24.63	22.92
Maximum Power Current	Im(A)	16.19	13.16	16.26	13.22	16.32	13.27	16.39	13.33	16.45	13.37
Cell Type	(mm)	MBB-210×105mm(Mono-Crystalline Silicon)									
Number of Cells	(Pcs)	80(10×8)									
Maximum System Voltage	(V)	DC1500									
Temp. Coeff. of Voc	(%/°C)	-0.262									
Temp. Coeff. of Isc	(%/°C)	0.042									
Temp. Coeff. of Pm	(%/°C)	-0.362									
Operating Temperature	°C	-40 to 85									
Nominal Operating Cell Temperature (NOCT)	°C	43±2									
Max. Series Fuse	(A)	30									
Pressure Bearing	(Pa)	5400									
Wind Bearing	(Pa)	2400									

STC: Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind speed 1m/s

## ENGINEERING DRAWINGS

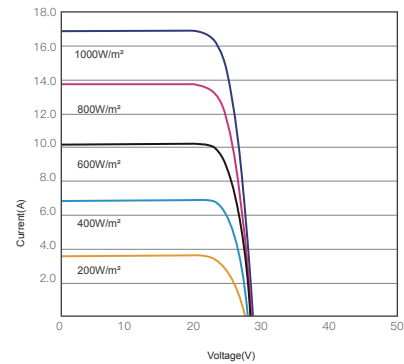


Manufactured in China

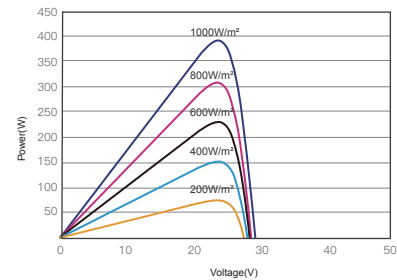
## MATERIAL DETAILS

Frame	Anodized aluminum(black and white is optional)
Glass	3.2mm low-iron tempered suede glass
Cell	10×8pcs 210×105mm mono solar cell
Junction Box	IP ≥ 68,TUV & UL
Diode quantity	3
Cable&Connector	4mm <sup>2</sup> .EVO2 or EVO2 compatible

## IV CURVES



I-V CURVES OF PV MODULE(395W)



P-V CURVES OF PV MODULE(395W)

## PACKING DETAILS

Dimension	(mm)	1760×1096×35
Weight	(kg)	21.5
Loading Capacity		806 pcs/40'HC
Packing	pcs/pallet	30