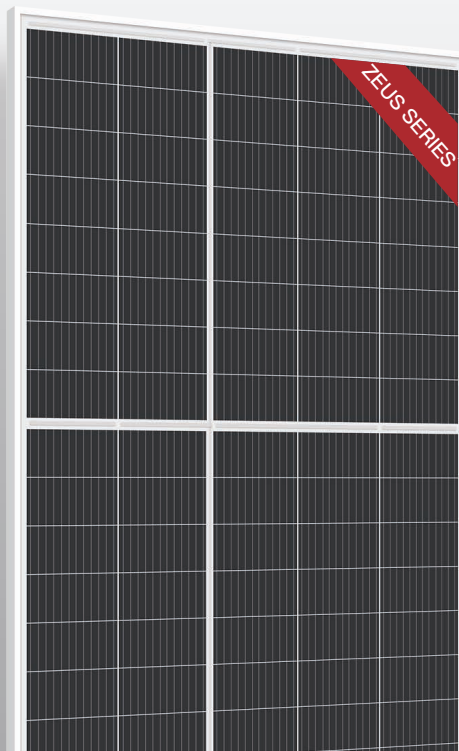




Gaia



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

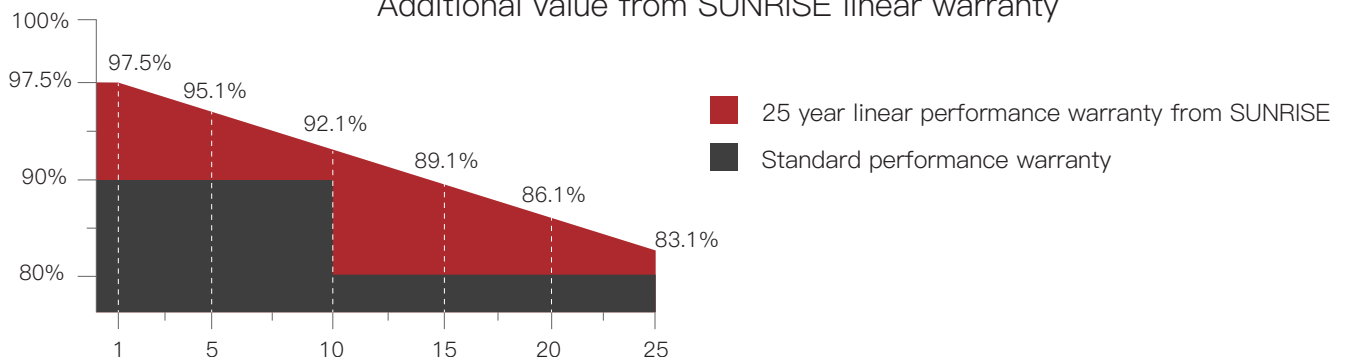


High density packaging



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

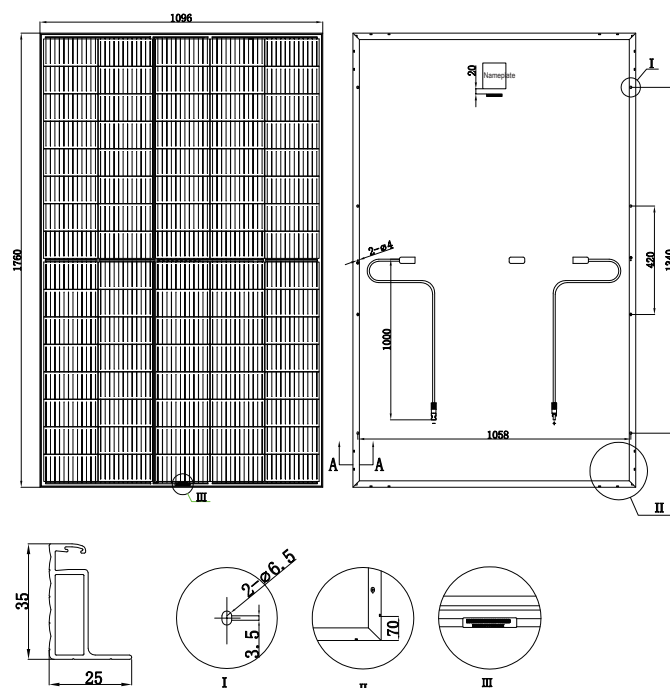
ADD:No.20 Tongzi River West Road, Zhonglou Development Zone, Changzhou, Jiangsu

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	P _{max} (W)	385	291.45	390	295.24	395	299.02	400	302.81	405	306.6
Open Circuit Voltage	V _{oc} (V)	28.67	27.02	28.92	27.26	29.18	27.50	29.43	27.74	29.68	27.98
Short Circuit Current	I _{sc} (A)	17.19	13.85	17.26	13.91	17.33	13.96	17.40	14.02	17.47	14.07
Maximum Power Voltage	V _m (V)	23.79	22.14	24.00	22.34	24.21	22.53	24.42	22.73	24.63	22.92
Maximum Power Current	I _m (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 V _{oc}	(%/°C)	-0.262									
Temp. Coeff. of I _{sc}	(%/°C)	0.042									
Temp. Coeff. of P _m	(%/°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/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

ENGINEERING DRAWINGS

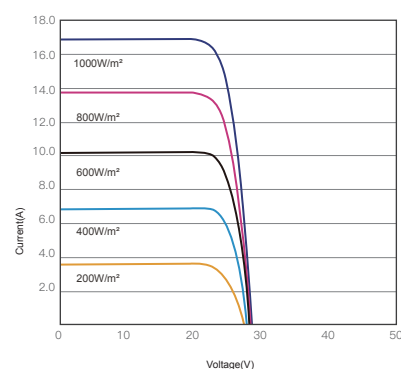


Manufactured in China

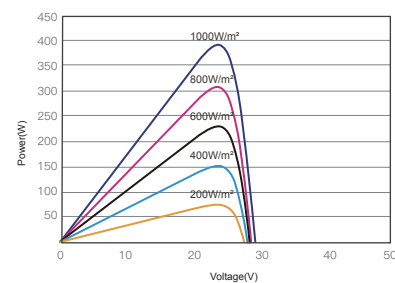
MATERIAL DETAILS

Frame	Anodized aluminum
Glass	3.2mm low-iron tempered suede glass
Cell	10×8pcs 210×105mm mono solar cell
Junction Box	IP ≥ 68, TÜV & UL
Diode quantity	3
Cable&Connector	4mm ² , 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