

ReneSola

TwinPower

Bifacial Double Glass Module

380W/385W/390W/395W/400W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



Conforms with IEC 61215, IEC 61730, PID Resistance



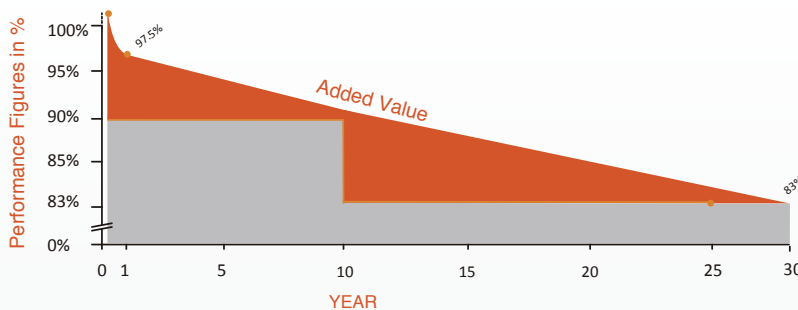
ISO9001, OHSAS18001, ISO14001 Certified



Application Class A, Safety Class II, Fire Rating Class A



Drawing Only for Reference

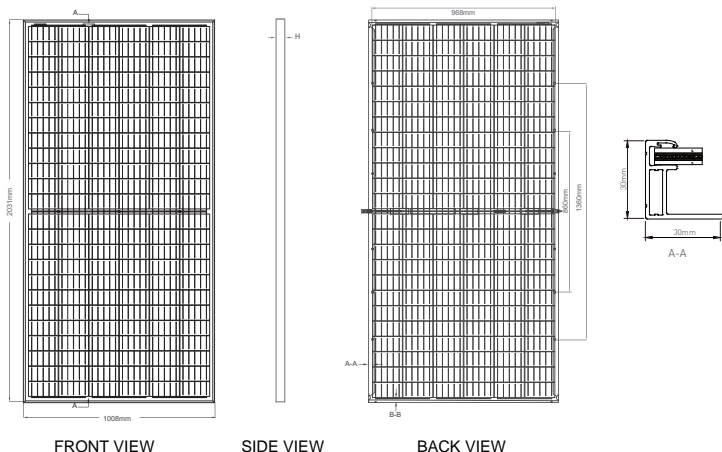


12-year
Material & Workmanship

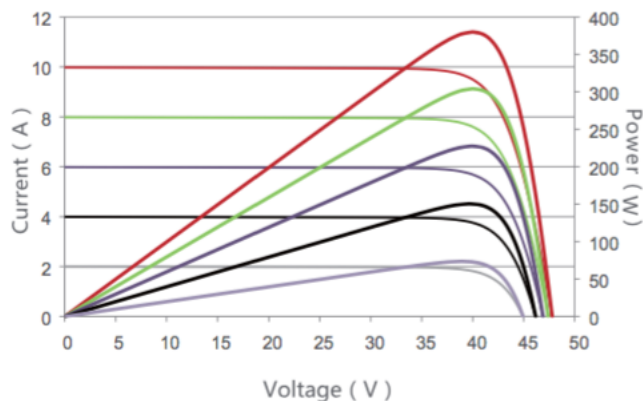
30-year
Linear Power Output



Dimensions



I-V Curves



Electrical Characteristics at Standard Test Conditions(STC)

Module Type	JC380S-Agcd	JC385S-Agcd	JC390S-Agcd	JC395S-Agcd	JC400S-Agcd
Maximum Power - Pmax (W)	380	385	390	395	400
Open Circuit Voltage - Voc (V)	47.7	48.1	48.3	48.5	48.8
Short Circuit Current - Isc (A)	9.98	10.03	10.1	10.17	10.24
Maximum Power Voltage - Vmpp (V)	40	40.3	40.6	40.8	41
Maximum Power Current - Imp (A)	9.5	9.56	9.62	9.69	9.76
Module Efficiency	18.56%	18.81%	19.05%	19.29%	19.54%

Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25° C. Tolerance of Pmp: 0~+3%. Measuring uncertainty of power: ±3%.

Electrical Characteristics at Normal Operating Cell Temperature(NOCT)

Module Type	JC380S-Agcd	JC385S-Agcd	JC390S-Agcd	JC395S-Agcd	JC400S-Agcd
Maximum Power - Pmax (W)	282	285	289	293	296
Open Circuit Voltage - Voc (V)	44	44.2	44.4	44.6	44.8
Short Circuit Current - Isc (A)	8.09	8.13	8.18	8.23	8.28
Maximum Power Voltage - Vmpp (V)	36.4	36.6	36.8	37	37.2
Maximum Power Current - Imp (A)	7.75	7.8	7.86	7.91	7.96

Normal Operating Cell Temperature(NOCT) : irradiance 800W/m²; wind speed 1 m/s ; ambient temperature 20°C. Measuring uncertainty of power: ±3%.

Bifacial Output-Rearside power Gain

		JC380S-Agcd	JC385S-Agcd	JC390S-Agcd	JC395S-Agcd	JC400S-Agcd
10%	Maximum Power (Pmax) Watt	418	424	429	435	440
	Module Efficiency STC (%)	20.42%	20.69%	20.95%	21.22%	21.49%
15%	Maximum Power (Pmax) Watt	437	443	449	454	460
	Module Efficiency STC (%)	21.35%	21.63%	21.91%	22.19%	22.47%
25%	Maximum Power (Pmax) Watt	475	481	488	494	500
	Module Efficiency STC (%)	23.20%	23.51%	23.81%	24.12%	24.42%

Temperature Characteristics

NOCT	45°C (±2°C)
Voltage Temperature Coefficient	-0.29%/K
Current Temperature Coefficient	+0.05%/K
Power Temperature Coefficient	-0.39%/K

Maximum Ratings

Maximum System Voltage	1500
Series fuse Rating [A]	25

Material Characteristics

Dimensions	2031*1008*30mm(Lx Wx H)
Weight	26.6kg
Frame	Anodized aluminum profile
Front Glass	white toughened safety glass,2.0mm
Cells	144 (6×24) Mono 158.75×158.75mm cell
Junction Box	IP67 rated
Cable&Connector	250mm/150mm, compatible with MC4

Packaging

Container	40' HQ	770
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System Design

Temperature Range	-40° C to + 85° C
Maximum Surface Load	5,400 Pa
Application class	class A