

ReneSola

Bifacial Double Glass Module

TwinPower

310W/315W/320W/325W/330W



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



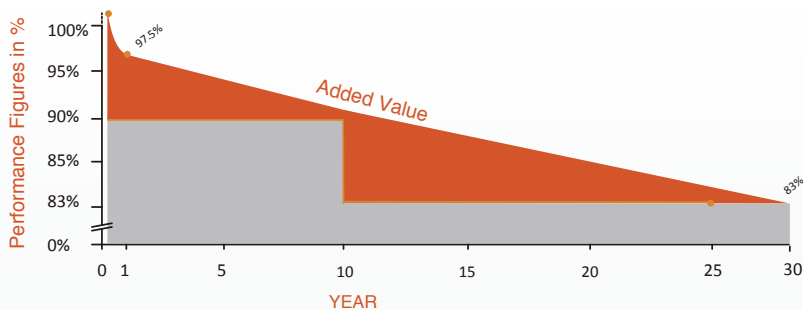
ISO9001, OHSAS18001, ISO14001 Certified



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



Drawing Only for Reference

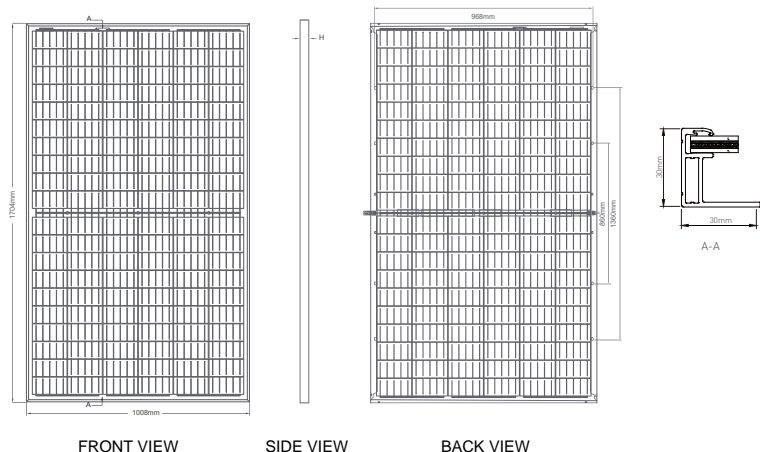


12-year
Material & Workmanship

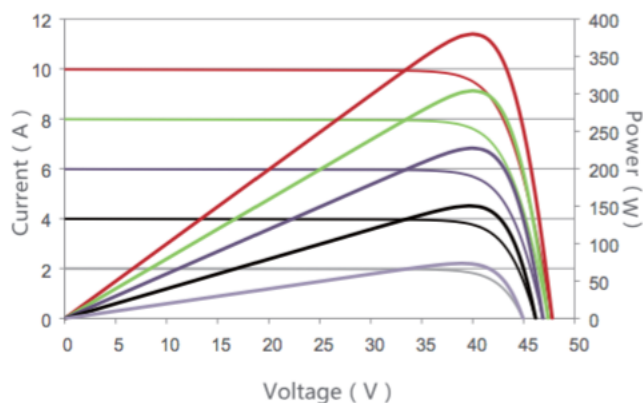
30-year
Linear Power Output



Dimensions



I-V Curves



Electrical Characteristics at Standard Test Conditions(STC)

Module Type	JC310S-24/Bgcd	JC315S-24/Bgcd	JC320S-24/Bgcd	JC325S-24/Bgcd	JC330S-24/Bgcd
Maximum Power - Pmax (W)	310	315	320	325	330
Open Circuit Voltage - Voc (V)	39.8	40.1	40.4	40.7	41.0
Short Circuit Current - Isc (A)	9.87	9.95	10.01	10.08	10.16
Maximum Power Voltage - Vmpp (V)	33.1	33.4	33.6	33.9	34.2
Maximum Power Current - Impp (A)	9.37	9.44	9.52	9.59	9.66
Module Efficiency	18.05%	18.34%	18.63%	18.92%	19.21%

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	JC310S-24/Bgcd	JC315S-24/Bgcd	JC320S-24/Bgcd	JC325S-24/Bgcd	JC330S-24/Bgcd
Maximum Power - Pmax (W)	231	235	239	242	246
Open Circuit Voltage - Voc (V)	36.6	36.9	37.1	37.4	37.7
Short Circuit Current - Isc (A)	7.99	8.06	8.12	8.17	8.22
Maximum Power Voltage - Vmpp (V)	30.0	30.3	30.5	30.7	31.0
Maximum Power Current - Impp (A)	7.70	7.76	7.82	7.89	7.94

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

Percentage	Parameter	JC310S-24/Bgcd	JC315S-24/Bgcd	JC320S-24/Bgcd	JC325S-24/Bgcd	JC330S-24/Bgcd
10%	Maximum Power (Pmax) Watt	341	346	352	357	363
	Module Efficiency STC (%)	19.85%	20.17%	20.49%	20.81%	21.13%
15%	Maximum Power (Pmax) Watt	356	362	368	373	379
	Module Efficiency STC (%)	20.75%	21.09%	21.42%	21.76%	22.09%
25%	Maximum Power (Pmax) Watt	387	393	400	406	412
	Module Efficiency STC (%)	22.56%	22.92%	23.28%	23.65%	24.01%

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	1704 x 1008 x 30mm (LxWxH)
Weight	22.4Kg
Frame	Anodized aluminum profile
Front Glass	white toughened safety glass,2.0mm
Cells	120(6x20) Mono 158.75x158.75mm cell
Junction Box	IP67 rated
Cable&Connector	250mm/150mm, compatible with MC4

Packaging

Container40' HQ	910
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System Design

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