

ReneSola

TwinPower

Bifacial Double Glass Module

520W/525W/530W/535W/540W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Mechanical Load Capability of up to 5400 Pa



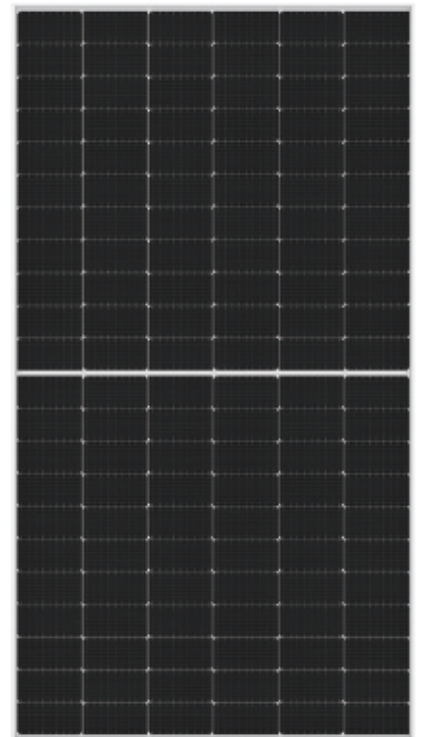
Conforms with IEC 61215, IEC 61730, PID Resistance



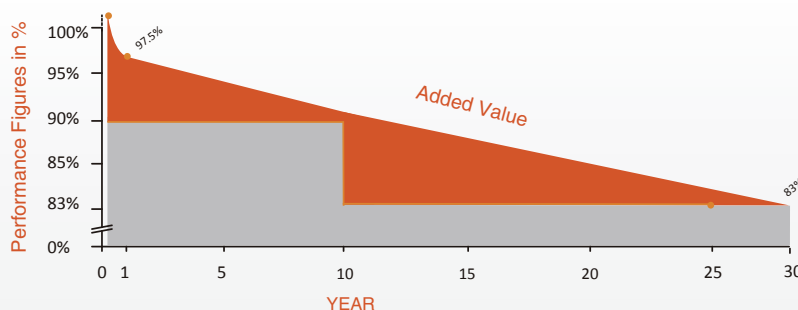
ISO9001, OHSAS18001, ISO14001 Certified



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



Drawing Only for Reference

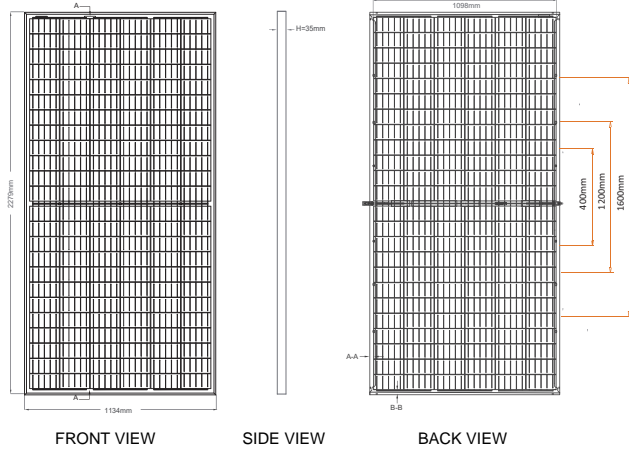


12-year
Material & Workmanship

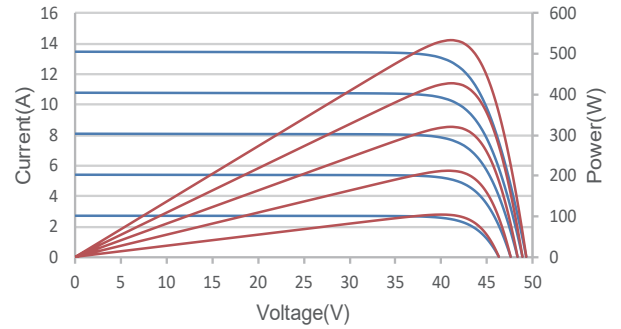
30-year
Linear Power Output



Dimensions



I-V Curves



Electrical Characteristics STC	JC520S-Agcd	JC525S-Agcd	JC530S-Agcd	JC535S-Agcd	JC540S-Agcd
Maximum Power (Pmax)	520W	525W	530W	535W	540W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	20.12%	20.31%	20.51%	20.70%	20.89%
Maximum Power Current (Imp)	12.93A	13.01A	13.09A	13.17A	13.25A
Maximum Power Voltage (Vmp)	40.22V	40.36V	40.49V	40.63V	40.76V
Short Circuit Current (Isc)	13.61A	13.69A	13.77A	13.85A	13.93A
Open Circuit Voltage (Voc)	48.72V	48.86V	48.99V	49.13V	49.26V

Values at Standard Test Conditions STC (AM1.5, Irradiance of 1000W/m², Cell Temperature 25° C)

Electrical Characteristics NOCT	JC520S-Agcd	JC525S-Agcd	JC530S-Agcd	JC535S-Agcd	JC540S-Agcd
Maximum Power (Pmax)	387W	391W	394W	398W	402W
Maximum Power Current (Imp)	10.34A	10.40A	10.46A	10.52A	10.58A
Maximum Power Voltage (Vmp)	37.42V	37.56V	37.70V	37.84V	37.97V
Short Circuit Current (Isc)	10.99A	11.06A	11.12A	11.19A	11.25A
Open Circuit Voltage (Voc)	45.99V	46.12V	46.24V	46.37V	46.50V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

Bifacial Output-Rearside power Gain	JC520S-Agcd	JC525S-Agcd	JC530S-Agcd	JC535S-Agcd	JC540S-Agcd
5% Maximum Power (Pmax)	546W	551W	557W	562W	567W
Module Efficiency	21.13%	21.33%	21.53%	21.74%	21.94%
15% Maximum Power (Pmax)	598W	604W	610W	615W	621W
Module Efficiency	23.14%	23.36%	23.58%	23.81%	24.03%
25% Maximum Power (Pmax)	650W	656W	663W	669W	675W
Module Efficiency	25.15%	25.39%	25.63%	25.88%	26.12%

Mechanical Characteristics

Cell Type	Mono P-Type, 182 x 182 (±1)mm, 144(6x24) Half-Cut cells
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated, With 3 Bypass Diodes
Dimension	*2279x1134x35mm
Output Cable	300mm(+)/300mm(-), length can be customized
Weight	34.3 kg
Installation Hole Location	See Drawing Above

Characteristics

Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	+0.048%/°C
Temperature Coefficient of Pmax	-0.35%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

Packing Information

Container	40' HQ
Pallets per Container	20
Pieces per Container	620

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A