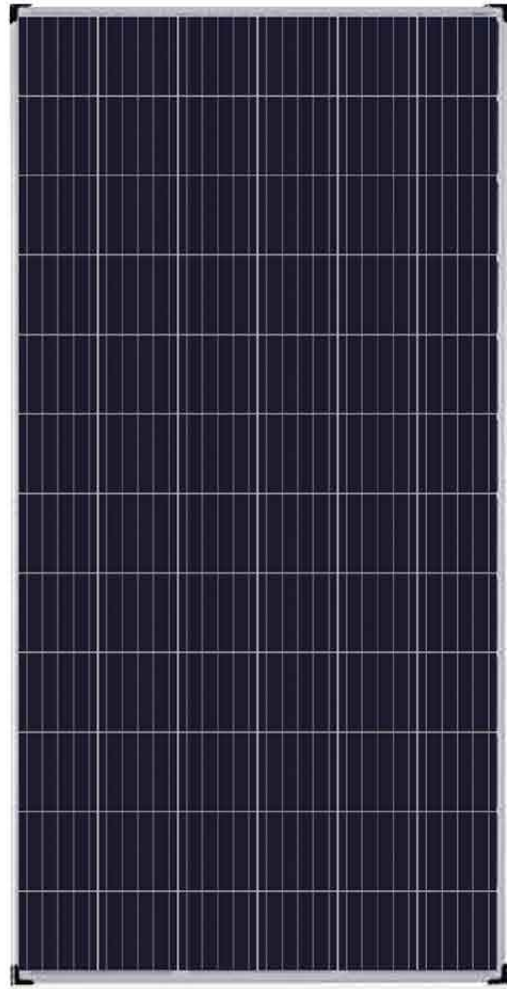
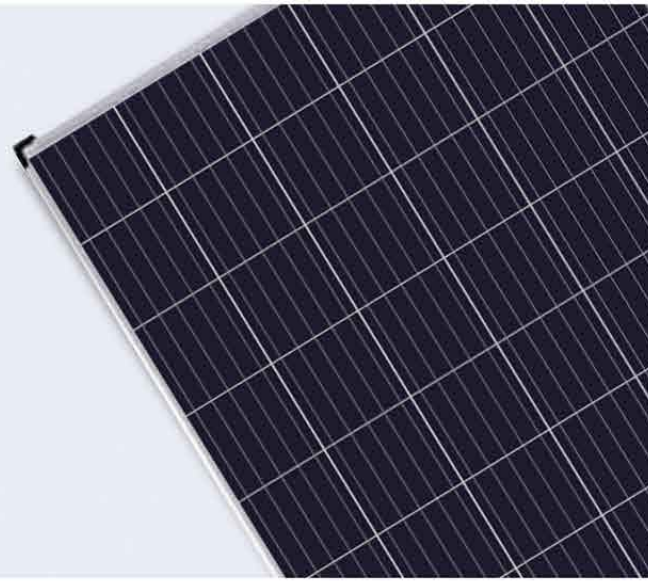


DOU 72P

320W/325W/330W

MONO CRYSTALLINE MODULE

IEC61215 / IEC61730 / IEC62804



Much longer power output life

30-year linear power warranty, annual power attenuation rate is only 0.5%



Outstanding resistance to microcrack

Preventing snail track formation and strengthen the anti-cracking ability of modules



No PID effect

Anti PID



Higher fire rating

Fire rating reaches Class A, reducing the hidden peril of fire hazards



1500V system voltage

Up to 1500V DC system voltage reduces system cost



Strong load capacity

The modules have passed wind loads (2400Pa) and snow loads (5400Pa);



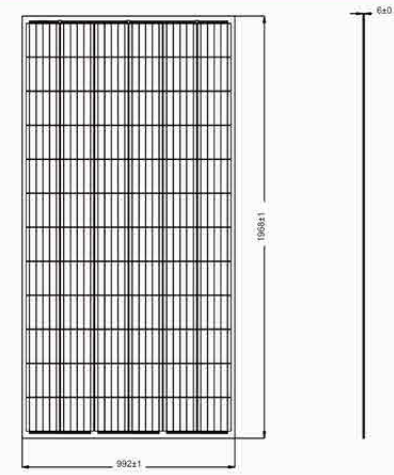
The best solution for harsh environments

Suitable for coastal areas, deserts, and lakes

QUALIFICATIONS AND CERTIFICATES

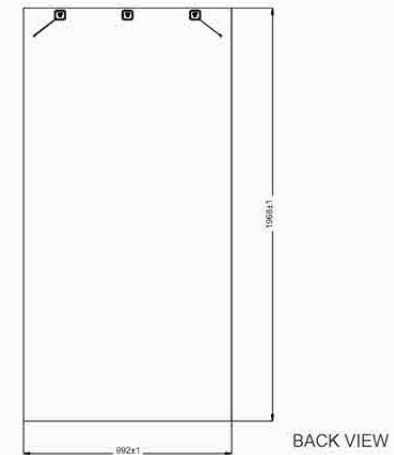


MECHANICAL DRAWINGS



FRONT VIEW

SIDE VIEW



BACK VIEW

MECHANICAL SPECIFICATION

Cell Type	Poly Crystalline 156.75x156.75mm		
Number Of Cells	72 (6x12)		
Dimensions(AxBxC)	1968x992x6.0mm		
Weights	28kg		
Front Glass	2.5mm/2.5mm		
Frame	Without Frame		
Junction Box	Split Junction Box(IP67,3 Bypass Diodes)		
Connector	Mc4 Compatible		
Output Cables	TUV 1x4.0mm ² positive-285mm, negative-140mm or customized		

ELECTRICAL CHARACTERISTICS

	320W	325W	330W
Maximum Power At STC(Pmax)	320W	325W	330W
Short Circuit Current(Isc)	9.03A	9.10A	9.22A
Open Circuit Voltage(Voc)	44.6V	44.9V	45.5V
Maximum Power Current(Imp)	8.53A	8.62A	8.73A
Maximum Power Voltage(Vmpp)	37.5V	37.7V	37.8V
Module Efficiency	16.39%	16.65%	16.90%
Power Tolerance	0~+3%	0~+3%	0~+3%

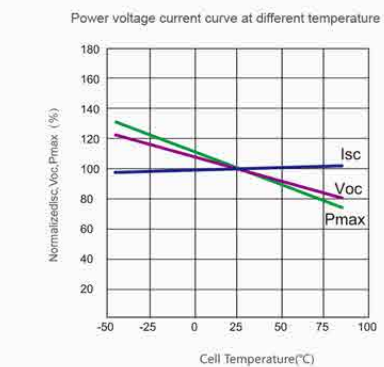
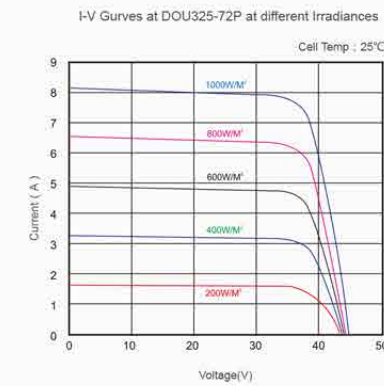
STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5.

NOCT

	237.1	240.8	244.5
Maximum Power At STC(Pmax)	237.1	240.8	244.5
Short Circuit Current(Isc)	7.31	7.37	7.46
Open Circuit Voltage(Voc)	41.2	41.5	42.1
Maximum Power Current(Imp)	6.87	6.92	7.02
Maximum Power Voltage(Vmpp)	34.5	34.8	34.8

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, wind speed 1m/s.

I-V CURVES



SYSTEM INTEGRATION PARAMETERS

Maximum System Voltage	VDC 1500V
Maximum Series Fuse	15A
Increased Snowload Acc.to IEC 61215	5400Pa
Operating Temperature	-40~+85°C
Number Of Bypass Diodes	3

TEMPERATURE CHARACTERISTICS

Norminal Operating Cell Temperature(Noct)	45°C±2°C
Temperature Coefficient Of Pmax	-0.40%/°C
Temperature Coefficient Of Voc	-0.31%/°C
Temperature Coefficient Of Isc	0.05%/°C

PACKING CONFIGURATION

	20' HQ	40' HQ
Container	20' HQ	40' HQ
Pieces Per Pallet	33	33
Pallets Per Container	10	22
Pieces Per Container	330	726

LINEAR PERFORMANCE WARRANTY

- 10 Years Manufacturing Warranty
- 12 Years 92% Power Output
- 30Years 83% Power Output

