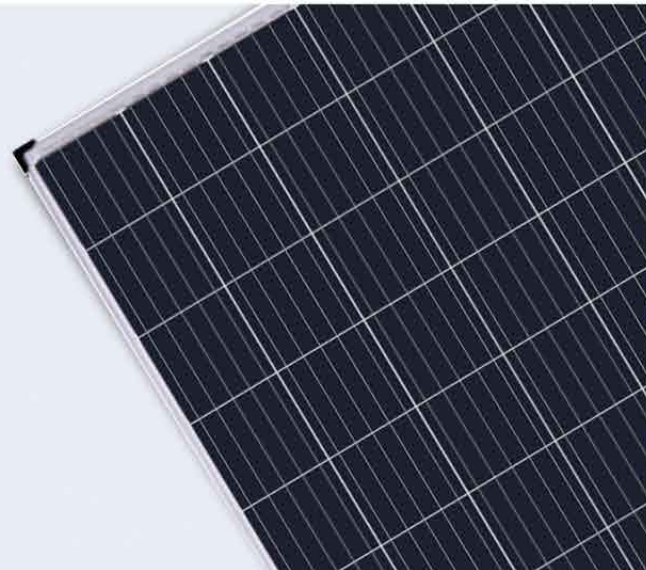


DOU 60P

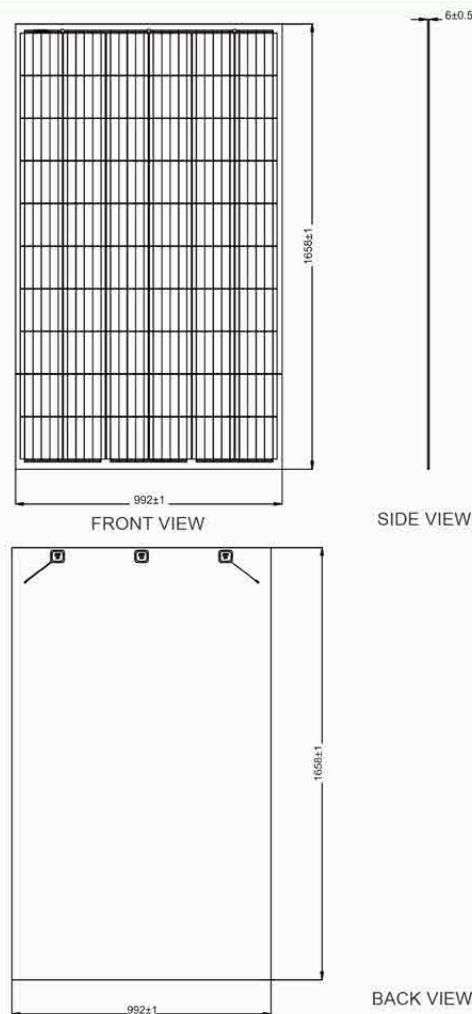
270W/275W/280W

POLY CRYSTALLINE MODULE

IEC61215 / IEC61730 / IEC62804



MECHANICAL DRAWINGS



MECHANICAL SPECIFICATION

Cell Type	Mono Crystalline 156.75x156.75mm
Number Of Cells	60 (6x10)
Dimensions(AxBxC)	1658x992x6.0mm
Weights	23.5kg
Front Glass/Back 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

	270W	275W	280W
Maximum Power At STC(Pmax)	270W	275W	280W
Short Circuit Current(Isc)	9.06A	9.18A	9.29A
Open Circuit Voltage(Voc)	37.2V	38.0V	38.5V
Maximum Power Current(Imp)	8.65A	8.76A	8.86A
Maximum Power Voltage(Vmpp)	31.2V	31.4V	31.6V
Module Efficiency	16.42%	16.72%	17.02%
Power Tolerance	0~+3%	0~+3%	0~+3%

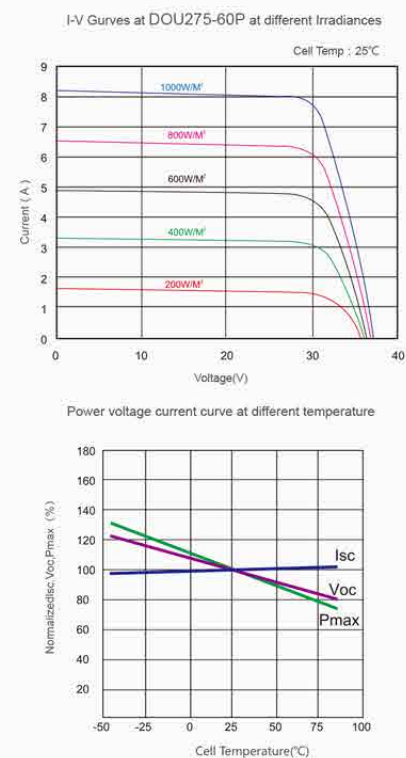
STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5.

NOCT

Maximum Power At STC(Pmax)	200.0	203.7	207.4
Short Circuit Current(Isc)	7.33	7.43	7.52
Open Circuit Voltage(Voc)	34.4	35.1	35.6
Maximum Power Current(Imp)	6.89	6.99	7.07
Maximum Power Voltage(Vmpp)	29.0	29.2	29.3

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

I-V CURVES



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

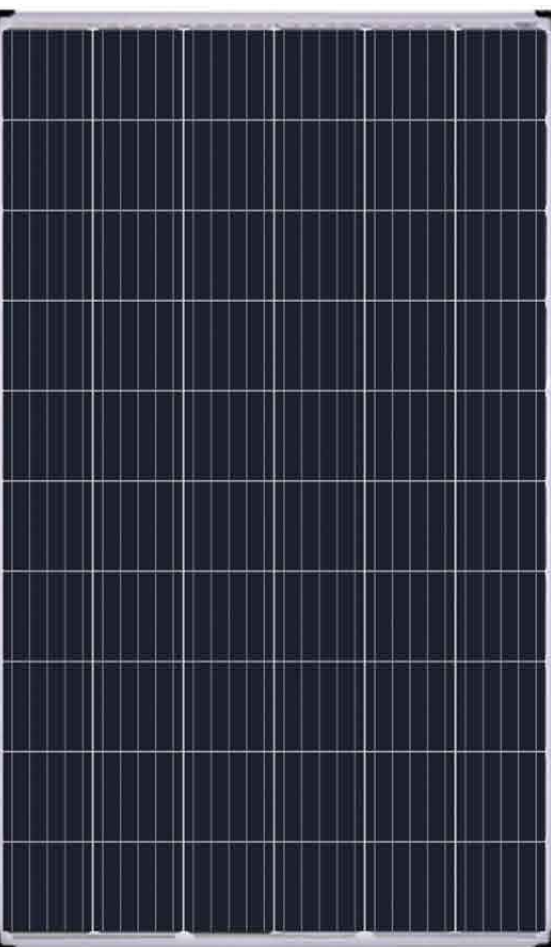
No PID effect
Anti PID

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

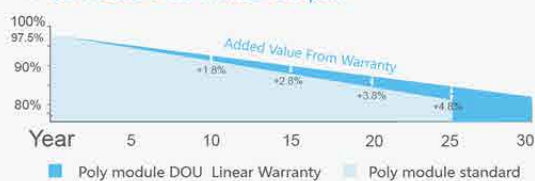
Strong load capacity
The modules have passed wind loads (2400Pa) and snow loads (5400Pa);

The best solution for harsh environments
Suitable for coastal areas, deserts, and lakes



LINEAR PERFORMANCE WARRANTY

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



QUALIFICATIONS AND CERTIFICATES



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		
Pieces Per Pallet	33	33
Pallets Per Container	12	26
Pieces Per Container	396	858