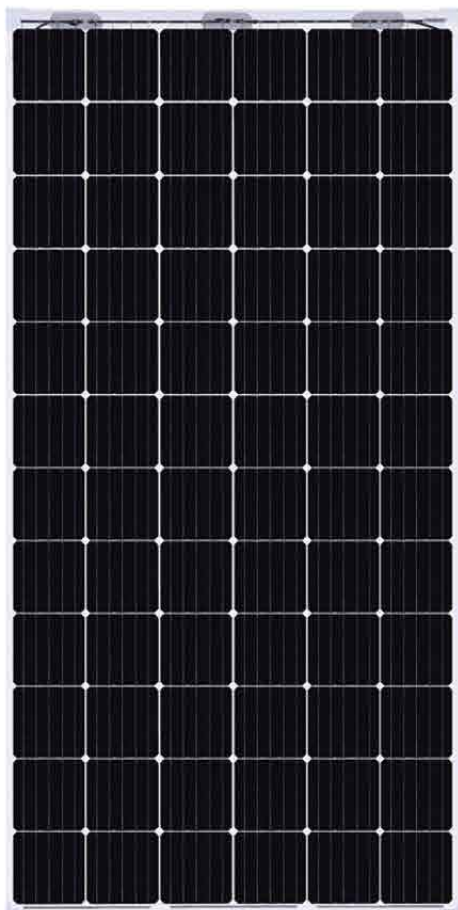


DOU 72M-S

350W/355W/360W
365W/370W/375W

BI-GLASS

ALL PRODUCTS QUALIFIED



IP68 Junction Box, Connector

IP68 Junction Box and Connector have a high degree of waterproof, effectively resist the harsh environment



More Power Generated

Life cycle for 30 years, 30% higher of generating power than normal



No PID

Bi-glass designed enduces lower degradating influenced by PID



Zero-LID

Zero-LID N-Solar cell increases power output



Enhanced Safety

Fire class A certificated reduces the fire risk



Better weak light effect

Lower temperature coefficient brings higher power output in hazy and cloudy day



Wider Range of Application

Bi-glass is appropriate for ground installation, farming and fishing-farm project etc.

TEMPERATURE CHARACTERISTICS

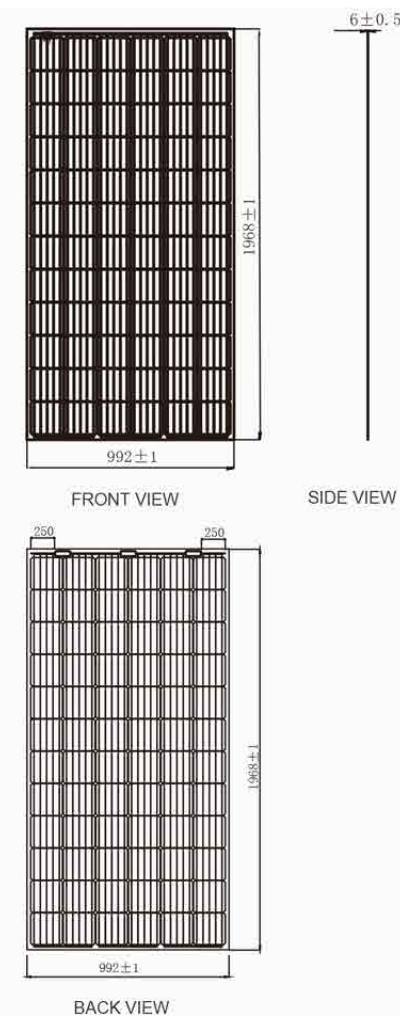
Normal Operating Cell Temperature(Noct)	44°C ± 2°C
Temperature Coefficient Of Pmax	-0.39%/°C
Temperature Coefficient Of Voc	-0.3%/°C
Temperature Coefficient Of Isc	0.05%/°C

LINEAR PERFORMANCE WARRANTY

- 10 Years Manufacturing Warranty
- 18 Years 90% Power Output
- 30 Years 84.5% Power Output



MECHANICAL DRAWINGS



MECHANICAL SPECIFICATION

Cell Type	Mono Crystalline 156.75x156.75mm
Number Of Cells	72 (6x12)
Dimensions(AxBxC)	1968x992x6mm
Weights	28kg
Front Glass / Back Glass	2.5mm/2.5mm
Frame	Without Frame
Junction Box	IP68, With Bypass Diodes
Connector	Mc4 Compatible
Output Cables	TUV, ± length 300mm, 4.0mm ²

ELECTRICAL CHARACTERISTICS

Maximum Power At STC(Pmax)	350W	355W	360W	365W	370W	375W
Short Circuit Current(Isc)	9.54A	9.65A	9.75A	9.82A	9.85A	9.89A
Open Circuit Voltage(Voc)	47.5V	47.7V	47.9V	48.1V	48.3V	48.5V
Maximum Power Current(Impp)	9.04A	9.15A	9.25A	9.34A	9.41A	9.45A
Maximum Power Voltage(Vmpp)	38.7V	38.8V	38.9V	39.1V	39.3V	39.7V
Module Efficiency	17.93%	18.18%	18.44%	18.70%	18.95%	19.21%

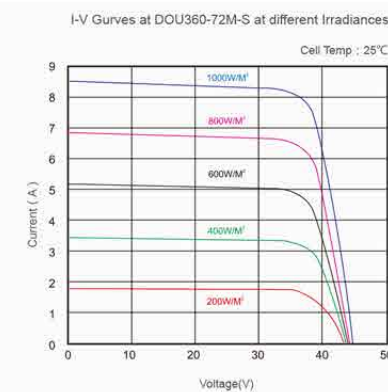
STC: 1000W/M² irradiance, 25°C cell temperature, AM1.5.

NOCT

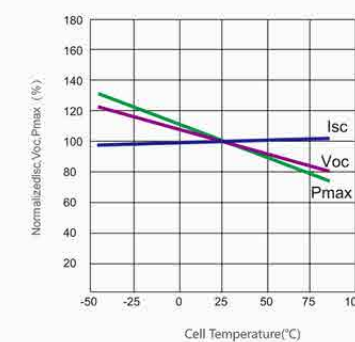
Maximum Power At STC(Pmax)	260.9	264.6	368.3	272.1	275.8	279.5
Short Circuit Current(Isc)	7.72	7.81	7.89	7.95	7.97	8.01
Open Circuit Voltage(Voc)	43.9	44.1	44.3	44.5	44.7	44.8
Maximum Power Current(Impp)	7.31	7.41	7.48	7.54	7.56	7.59
Maximum Power Voltage(Vmpp)	35.7	35.7	35.9	36.1	36.5	36.8

NOCT: Irradiance at 800W/M², Ambient Temperature 20°C, Wind Speed 1m/s.

I-V CURVES



Power voltage current curve at different temperature



BACK POWER GAIN

10%	Maximum Power At STC(Pmax)	385	390.5	396	401.5	407	412.5
	Module Efficiency	19.72	20.00	20.28	20.57	20.85	21.13
20%	Maximum Power At STC(Pmax)	420	426	432	438	444	450
	Module Efficiency	21.51	21.82	22.13	22.44	22.74	23.05
30%	Maximum Power At STC(Pmax)	455	461.5	468	474.5	481	487.5
	Module Efficiency	23.31	23.64	23.97	24.31	24.64	24.97

SYSTEM INTEGRATION PARAMETERS

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

PACKING CONFIGURATION

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