

### MONO CRYSTALLINE SOLAR PANEL

#### High Efficiency

20.0% Advanced solar cell technology ensures, The high module efficiency up to 20.1%.

#### Positive Tolerance

Module guarantees a positive –only power tolerance of 0 to +5w to bring extra benefit.

#### Strong Load Capacity

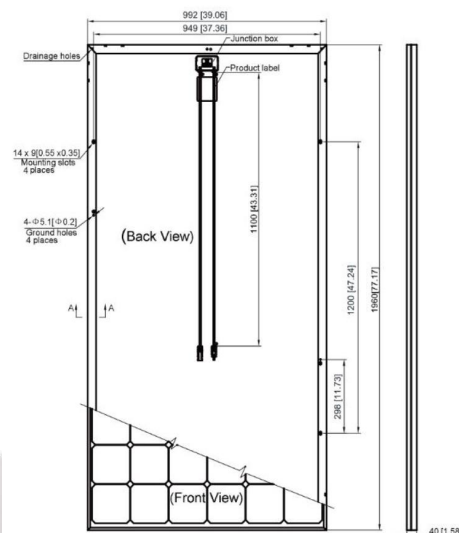
Module is capable to withstand 2400Pa wind loads and 5400Pa Snow loads.

#### Reliable quality

Module is manufactured in accordance with international quality standards ISO9001

#### Higher Weatherproof Rating

J-Box performs module with an environmental protection rating to IP68.



### ELECTRICAL DATA

#### Model:

WD370-390WM 72CELLS

Maximum Power (Pmax)	390W	385W	380W	375W	370W
Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage(Vmp)	39.6V	39.4V	39.2V	39.0V	38.8V
Maximum Power Current(Imp)	9.85A	9.77A	9.70A	9.62A	9.54A
Open Circuit Voltage(Voc)	48.4V	48.2V	48.1V	48.0V	47.9V
Short Circuit Current (Isc)	10.12A	10.07A	10.02A	9.96A	9.91A
Module Efficiency	20.10%	19.80%	19.50%	19.30%	19.00%
Operating module Temperature	- 40 °C to +85 °C				
Maximum system(DC) Voltage	1000V/1500V(IEC)				
Series Fuse Rating	15A				
NOCT	45±2 °C				
Temperature Coefficients of Pmax	- 0.410%/°C				
Temperature Coefficients of Voc	- 0.340%/°C				
Temperature Coefficients of Isc	+ 0.060%/°C				

### MECHANICAL DATA

Solar Cell	Mono crystalline 156.75×156.75mm(6 inches) 5BB		
Number of cells	72 ( 6×12 )		
Dimensions	1960×992×40mm ( 77.17×39.06×1.57 inches )		
Weight	22.1Kg ( 48.7lbs )		
Front Glass	3.2mm(0.13 inches) front glass		
Frame	Aanodized aluminum alloy		
Junction Box	IP68 rated		
Cable	4mm <sup>2</sup> solar cable 1100mm(43.3 inches )		
Connector	JK4/Z4S-abcde		

PACKING INFORMATION	20FT	40HQ	Remarks
Pieces per pallet	26	26	
Pallets per container	10	24	
Pieces per container	260	624	

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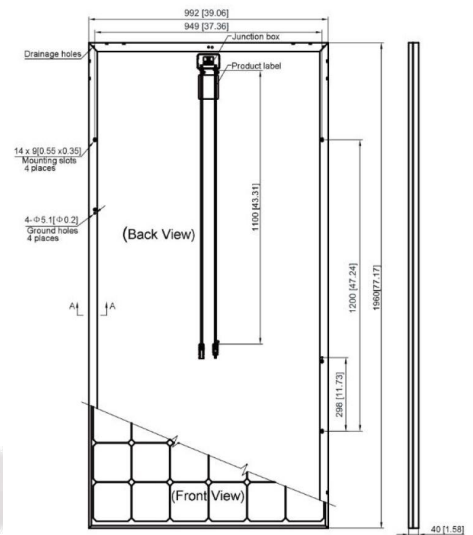
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### ELECTRICAL DATA

#### Model:

**WD305-320WM 60CELLS**

Maximum Power (Pmax)	325W	320W	315W	310W	305W
Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Maximum Power Voltage(Vmp)	33.9V	33.7V	33.5V	33.2V	33.0V
Maximum Power Current(Imp)	9.59A	9.50A	9.41A	9.34A	9.26A
Open Circuit Voltage(Voc)	40.1V	40.0V	39.9V	39.8V	39.7V
Short Circuit Current (Isc)	10.13A	10.05A	9.97A	9.89A	9.81A
Module Efficiency	20.00%	19.60%	19.20%	18.90%	18.60%
Operating module Temperature	- 40 °C to +85 °C				
Maximum system(DC) Voltage	1000V/1500V(IEC)				
Series Fuse Rating	15A				
NOCT	45±2 °C				
Temperature Coefficients of Pmax	- 0.410%/°C				
Temperature Coefficients of Voc	- 0.340%/°C				
Temperature Coefficients of Isc	+ 0.060%/°C				

### MECHANICAL DATA

Solar Cell	Mono crystalline 156.75×156.75mm(6 inches) 5BB		
Number of cells	60 ( 6×10 )		
Dimensions	1650×992×35mm ( 65.0×39.06×1.38 inches )		
Weight	18.3Kg ( 40.3lbs )		
Front Glass	3.2mm(0.13 inches) front glass		
Frame	Aanodized aluminum alloy		
Junction Box	IP68 rated		
Cable	4mm <sup>2</sup> solar cable 900mm(35.43 inches )		
Connector	JK4/Z4S-abcde		

PACKING INFORMATION	20FT	40HQ	Remarks
Pieces per pallet	30	30	
Pallets per container	12	28	
Pieces per container	360	840	