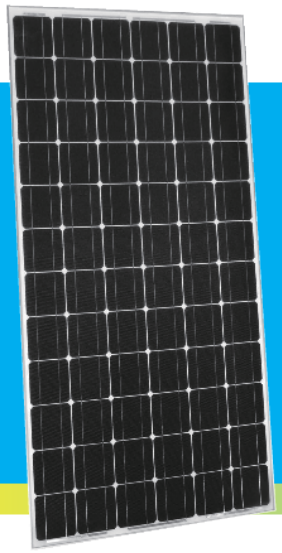
Lightway
Power for a changing world



LIGHTWAY SOLAR MODULE

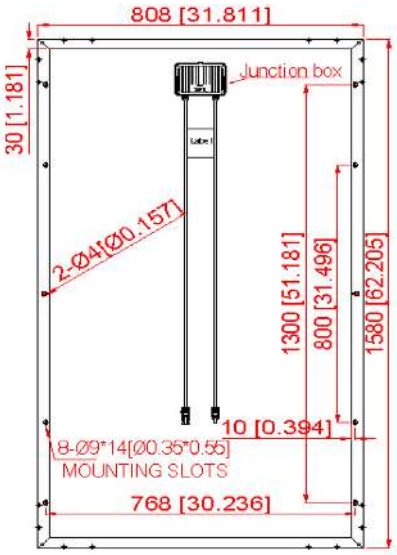
LW200M72

- High efficiency cells ensure the high energy yields
- Easy and quick installation desgin with pre-drilled holes on the frame
- Qualified raw material and advanced encapsulation meets most stringent safety requirments of high voltage operation
- Production facility calibrated and staff trained by TUV

ELECTRICAL DATA @ STC

Module Type		LW180W72	LW190W72	LW200W72
Peak Power_Pmax	W	180	190	220
Power tolerance_ΔPmax	W	±5	±5	±5
Voltage at Pmax_Vmpp	V	35.7	36.3	37.0
Current at Pmax_Impp	A	5.04	5.23	5.41
Open Circuit Voltage_Voc	V	44.6	44.8	45.2
Short Circuit Current_Isc	A	5.60	5.63	5.78
Module Efficiency_η		16.63%	17.56%	18.48%

Values at standard test condition STC: AM 1.5, irradiance 1000W/m², cells temperature 25 ℃

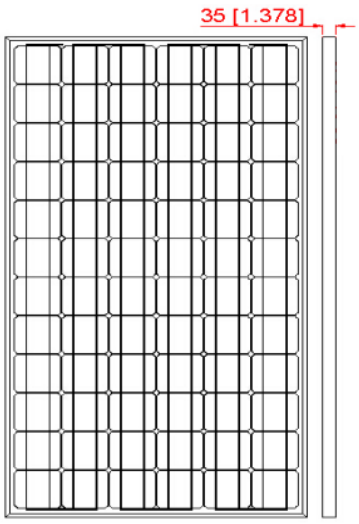


TEMPERATURE RATING

Temperature Coefficient of Pmax	%/℃	-0.42
Temperature Coefficient of Isc	%/℃	0.03
Temperature Coefficient of Voc	%/℃	-0.32

MAXIMUM RATING

Max. System Voltage	V	1000
Nominal operating cell temperature(NOCT)	℃	46±2℃
Operating Temperature	℃	-40～+85℃
Max. static load, front (eg. snow)	Pa	2400
Max. static load, back (eg. wind)	Pa	2400
Module Dimension(L×W×H)	mm	1580 x 808 x35mm
Weight	kg	14.0



CONSTRUCTION MATERIALS

Solar cells	72 cells in series(6x12)
Glass	High-transmission low-iron tempered glass
Encapsulant	TPT/TPE(EVA)
Frame	Anodized aluminium in mainly for improving corrosion resistance. Color. silver

Module Warranty:
25-year limited warranty of 80% power output; 10-year limited warranty of 90% power output;
5-year limited warranty of materials and workmanship.

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