

JW-D60N Series

N-type High Efficiency Monocrystalline Silicon
Bifacial Double Glass Module



- JW-D60N-305
- JW-D60N-310
- JW-D60N-315
- JW-D60N-320
- JW-D60N-325



Additional Power Generation Gain

30-year linear performance warranty, more than 30% additional power gain



ZERO LID (Light Induced Degradation)

No LID, more power generation



ZERO PID (Potential Induced Degradation)

Bifacial double glass design, PID free



Higher Security

Higher fire safety class to minimize fire risks



Better Weak Illumination Response

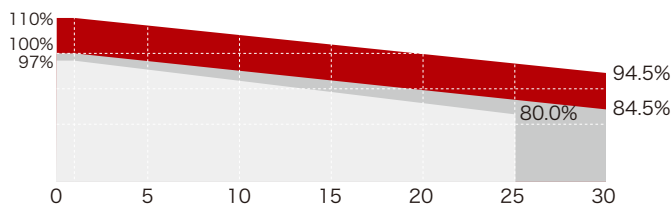
Higher power output, even under low-light settings



Wider Application

No water-permeability and high wear-resistance, can be widely used in high-humid, windy and dusty area

- Standard module linear power warranty
- Frontal linear power warranty for Jolywood N-type module (25.0% Additional Power Gain)
- Frontal & Rear sides linear power warranty for Jolywood N-type module (36.0% Additional Power Gain)



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ELECTRICAL PROPERTIES * >

Peak Power(Pmax) (W)	305	310	315	320	325
MPP Voltage(Vmp) (V)	30.9	31.1	31.2	31.3	31.5
MPP Current(Imp) (A)	9.89	10.00	10.12	10.23	10.34
Open Circuit Voltage(Voc) (V)	37.8	38.0	38.2	38.4	38.7
Short Circuit Current(Isc) (A)	10.52	10.60	10.68	10.76	10.84
Module Efficiency (%)	18.54%	18.85%	19.15%	19.46%	19.76%
Operating Temperature(°C)	-40°C~+85°C				
Maximum System Voltage(V)	1500V(IEC)/1000V(UL)				
Maximum Series Fuse Rating(A)	15A				
Fire Safety	Class B				
Power Tolerance	0~+5Wp				

* At technical data test condition: Irradiance (1.0±0.1 BiFi)1000W/ m², Ambient Temperature 25°C, AM 1.5

ELECTRICAL PROPERTIES | NOCT * >

Peak Power(Pmax) (W)	227	230	234	238	242
MPP Voltage(Vmp) (V)	28.4	28.6	28.7	28.9	29.1
MPP Current(Imp) (A)	7.96	8.05	8.15	8.25	8.33
Open Circuit Voltage(Voc) (V)	35.2	35.4	35.6	35.8	36
Short Circuit Current(Isc) (A)	8.48	8.55	8.61	8.68	8.74

* NOCT (Nominal Operating Cell Temperature): Irradiance (1.0±0.1 BiFi) 800W/ m², Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

TEMPERATURE COEFFICIENT >

Temp. Coeff. Of Pmax (TK Pmax)	-0.38%/°C
Temp. Coeff. Of Voc (TK Voc)	-0.3%/°C
Temp. Coeff. Of Isc (TK Isc)	+0.048%/°C
NOCT	45±2°C

MECHANICAL PROPERTIES >

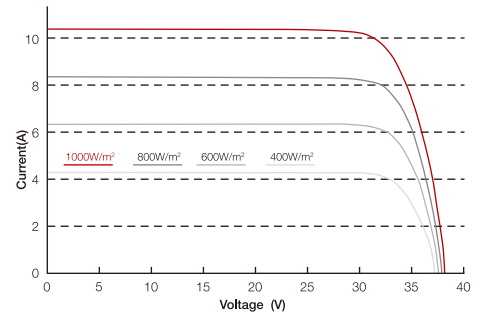
Cell Type	156.75mm*156.75mm
Number of Cells	60pcs(6*10)
Dimension	1658mm*992mm*6mm
Weight	22.5Kg
Front/Rear Glass	2.5mm/2.5mm
Frame	Frameless
Junction Box	IP67(3 diodes)
Cable Type	4.0mm ² , 300mm
Connector	MC4 Compatible

PACKING MANNER >

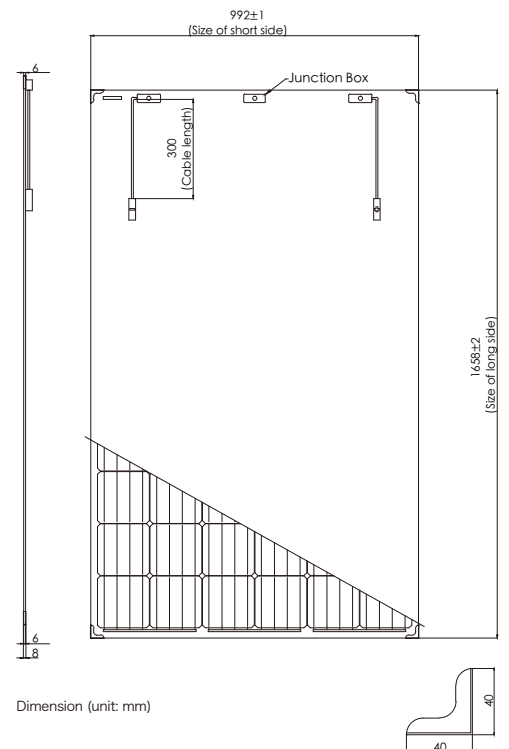
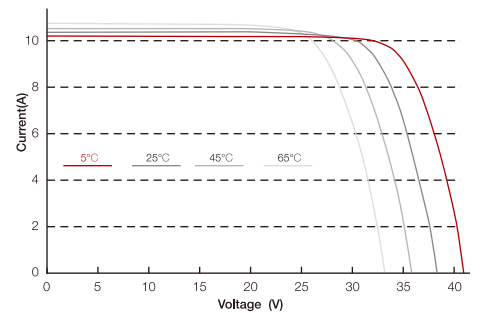
Packing Type	20'GP	40'GP	40'HQ
Piece/Pallet	33		
Pallet/Container	6	13	26
Piece/Container	198	429	858

* The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Jolywood (Taizhou) Solar Technology Co., Ltd. Reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

Current-Voltage Curve under different irradiance >



Current-Voltage Curve under different working temperatures >



Dimension (unit: mm)