

# Harvest the Sunshine

# JA SOLAR

# 575W



## JAM66D42 MB n-type Double Glass Bifacial Modules

### Premium Cells

n-  
Bycium+  
16BB

MBB Half-Cell  
Technology

# 26%



Cell Conversion  
Efficiency

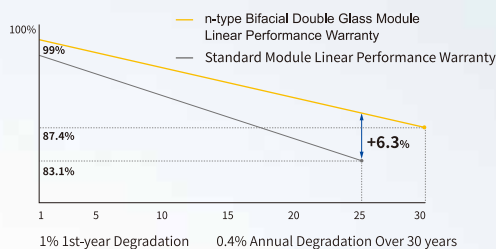
### Premium Modules

Higher power  
generation better LCOE

n-type with very  
Lower LID

Better Temperature  
Coefficient

Better low irradiance  
response



12-year product  
warranty

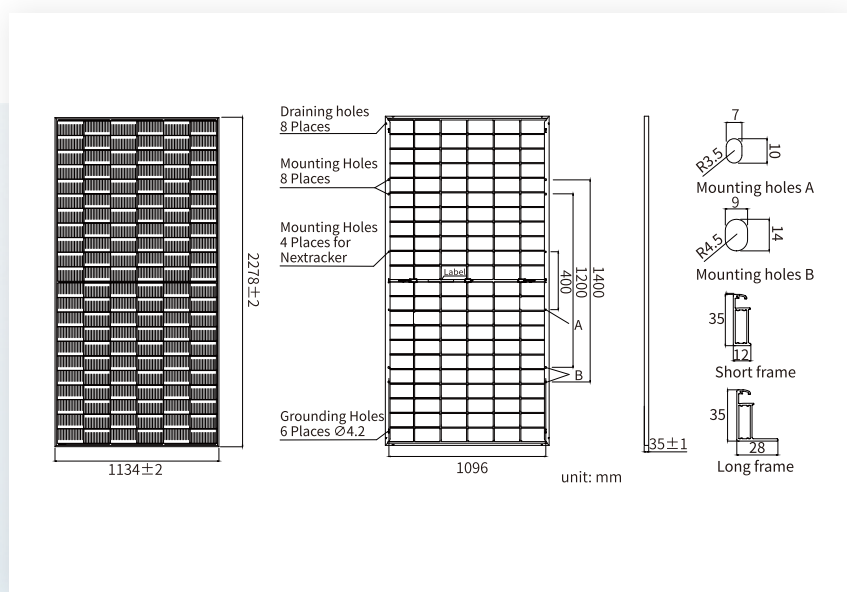
30-year linear power  
output warranty

### Comprehensive Certificates

- IEC 61215, IEC 61730, UL 61215, UL 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- ISO 45001: 2018 Occupational health and safety management systems
- IEC 62941: 2019 Terrestrial photovoltaic (PV) modules - Quality system for PV module manufacturing



## DEEP BLUE 4.0 Pro



### MECHANICAL PARAMETERS

Cell	Mono
Weight	31.8kg
Dimensions	2278±2mm × 1134±2mm × 35±1mm
Cable Cross Section Size	4mm <sup>2</sup> (IEC), 12 AWG(UL)
No. of cells	132(6×22)
Junction Box	IP68, 3diodes
Connector	QC 4.10-351/ MC4-EVO2A
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-) Landscape: 1300mm(+)/1300mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	31pcs/Pallet, 620pcs/40HQ Container

Remark: customized frame color and cable length available upon request

### ELECTRICAL PARAMETERS AT STC

TYPE	JAM66D42 550/MB	JAM66D42 555/MB	JAM66D42 560/MB	JAM66D42 565/MB	JAM66D42 570/MB	JAM66D42 575/MB
Rated Maximum Power(Pmax) [W]	550	555	560	565	570	575
Open Circuit Voltage (Voc) [V]	46.98	47.18	47.38	47.58	47.78	47.98
Maximum Power Voltage(Vmp) [V]	39.15	39.36	39.58	39.79	40.00	40.21
Short Circuit Current(Isc) [A]	14.91	14.96	15.01	15.06	15.11	15.16
Maximum Power Current(Imp) [A]	14.05	14.10	14.15	14.20	14.25	14.30
Module Efficiency [%]	21.3	21.5	21.7	21.9	22.1	22.3
Power Tolerance	0~+3%					
Temperature Coefficient of Isc(α <sub>Isc</sub> )	+0.045%/°C					
Temperature Coefficient of Voc(β <sub>Voc</sub> )	-0.250%/°C					
Temperature Coefficient of Pmax(γ <sub>Pmp</sub> )	-0.290%/°C					
STC	Irradiance 1000W/m <sup>2</sup> , cell temperature 25°C, AM1.5G					

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

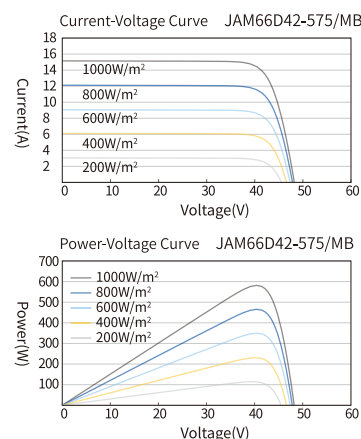
### ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

TYPE	JAM66D42 550/MB	JAM66D42 555/MB	JAM66D42 560/MB	JAM66D42 565/MB	JAM66D42 570/MB	JAM66D42 575/MB
Rated Max Power(Pmax) [W]	594	599	605	610	616	621
Open Circuit Voltage(Voc) [V]	46.98	47.18	47.38	47.58	47.78	47.98
Max Power Voltage(Vmp) [V]	39.15	39.36	39.58	39.79	40.00	40.21
Short Circuit Current(Isc) [A]	16.10	16.16	16.21	16.26	16.32	16.37
Max Power Current(Imp) [A]	15.17	15.23	15.28	15.34	15.39	15.44
Irradiation Ratio (rear/front)	10%					

\* For Nexttracker installations, maximum static load please take compatibility approve letter between JA Solar and Nexttracker for reference.

\*\* Bifaciality=Pmax, rear/Rated Pmax, front

### CHARACTERISTICS



### OPERATING CONDITIONS

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	30A
Maximum Static Load, Front*	5400Pa(112 lb/ft <sup>2</sup> )
Maximum Static Load, Back*	2400Pa(50 lb/ft <sup>2</sup> )
NOCT	45±2°C
Bifaciality**	80%±10%
Safety Class	Class II
Fire Performance	UL Type 29/Class C

Specifications subject to technical changes and tests. JA Solar reserves the right of final interpretation.

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