

# 565W MBB

**LB**  
Series

Higher output power



Lower temperature coefficient



More reliable, more stable power generation



Less shading effect



12-year product warranty



30-year linear power output warranty

## Bifacial Mono PERC Half-cell Double Glass Module JAM72D30 LB/1500V

# 555-580

### Comprehensive Certificates

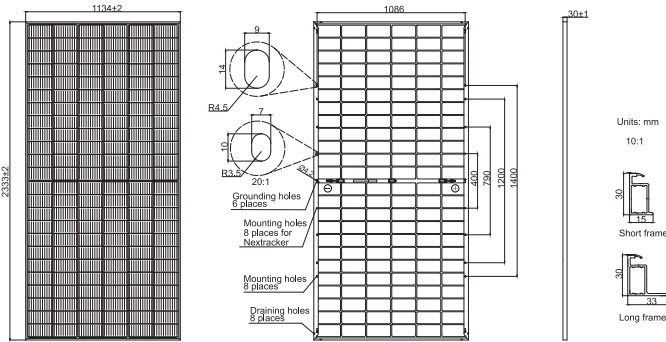
- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- ISO 45001: 2018 Occupational health and safety management systems





**555-580**  
 JAM72D30

**LB**  
 Series



Remark: customized frame color and cable length available upon request

Cell	Mono
Weight	32.5kg
Dimensions	2333±2mm×1134±2mm×30±1mm
Cable Cross Section Size	4mm <sup>2</sup> (IEC), 12 AWG(UL)
No. of cells	144(6×24)
Junction Box	IP68, 3 diodes
Connector	Stäubli MC4-EVO2A/MC4-EVO2 QC Solar QC 4.10-351/QC 4.10-35
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-); 800mm(+)/800mm(-)(Leapfrog) Landscape: 1400mm(+)/1400mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Country of Manufacturer	China/Vietnam

**ELECTRICAL PARAMETERS AT STC**

TYPE	JAM72D30-555/LB/1500V	JAM72D30-560/LB/1500V	JAM72D30-565/LB/1500V	JAM72D30-570/LB/1500V	JAM72D30-575/LB/1500V	JAM72D30-580/LB/1500V
Rated Maximum Power(Pmax) [W]	555	560	565	570	575	580
Open Circuit Voltage(Voc) [V]	50.14	50.32	50.50	50.68	50.86	51.04
Maximum Power Voltage(Vmp) [V]	41.29	41.49	41.68	41.87	42.05	42.24
Short Circuit Current(Isc) [A]	14.19	14.25	14.31	14.37	14.44	14.50
Maximum Power Current(Imp) [A]	13.44	13.50	13.56	13.62	13.67	13.73
Module Efficiency [%]	21.0	21.2	21.4	21.5	21.7	21.9
Power Tolerance	0~+5W					
Temperature Coefficient of Isc(α <sub>Isc</sub> )	+0.045%/C					
Temperature Coefficient of Voc(β <sub>Voc</sub> )	-0.275%/C					
Temperature Coefficient of Pmax(γ <sub>Pmp</sub> )	-0.350%/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. Measurement tolerance at STC: Pmax ±3%, Voc ±3% and Isc ±5%.

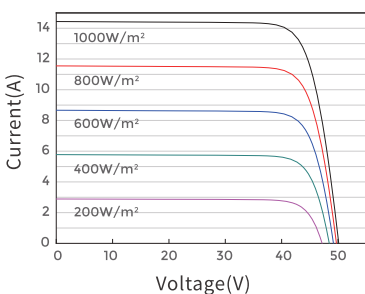
**ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO**

TYPE	JAM72D30-555/LB/1500V	JAM72D30-560/LB/1500V	JAM72D30-565/LB/1500V	JAM72D30-570/LB/1500V	JAM72D30-575/LB/1500V	JAM72D30-580/LB/1500V
Rated Max Power(Pmax) [W]	594	599	605	610	615	621
Open Circuit Voltage(Voc) [V]	50.14	50.32	50.50	50.68	50.86	51.04
Max Power Voltage(Vmp) [V]	41.29	41.49	41.68	41.87	42.05	42.24
Short Circuit Current(Isc) [A]	15.18	15.25	15.32	15.38	15.45	15.51
Max Power Current(Imp) [A]	14.38	14.44	14.51	14.57	14.63	14.69
NOCT	10%					

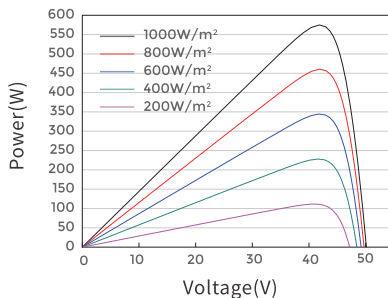
\*For NextTracker installations, maximum static load please take compatibility approve letter between JA Solar and NextTracker for reference.  
 \*\*Bifaciality=Pmax,rear/Rated Pmax,front

**CHARACTERISTICS**

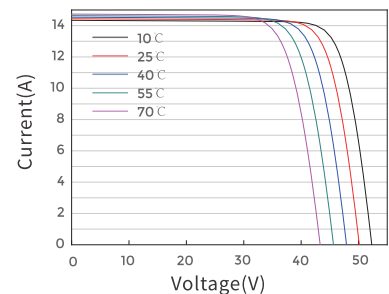
Current-Voltage Curve JAM72D30-575/LB/1500V



Power-Voltage Curve JAM72D30-575/LB/1500V

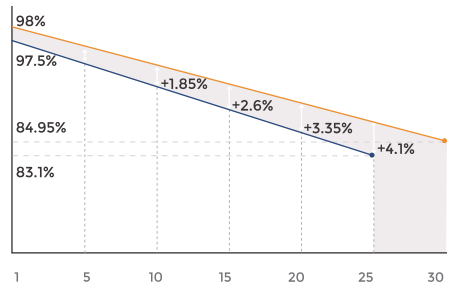


Current-Voltage Curve JAM72D30-575/LB/1500V



**Superior Warranty**

0.45% Annual Degradation Over 30 years



- Bifacial double glass module linear power warranty
- Standard module linear power warranty

**OPERATING CONDITIONS**

Maximum System Voltage	1500V DC
Operating Temperature	-40 C ~+85 C
Maximum Series Fuse Rating	30A
Maximum Static Load,Front*	3600Pa, 1.5
Maximum Static Load,Back*	1600Pa, 1.5
NOCT	45±2 C
Bifaciality**	70%±10%
Fire Safety Class	Class C