

Harvest the Sunshine

510W

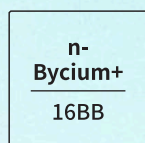


JA SOLAR

JAM60D41 LB

Black Module
n-type Double Glass Bifacial Modules

Premium Cells



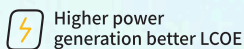
MBB Half-Cell
Technology

26

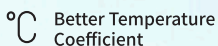
Up To

Cell Conversion
Efficiency

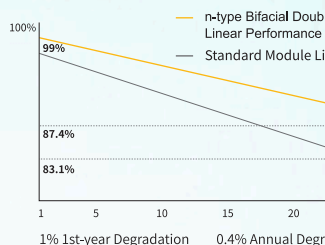
Premium Modules



Higher power
generation better LCOE

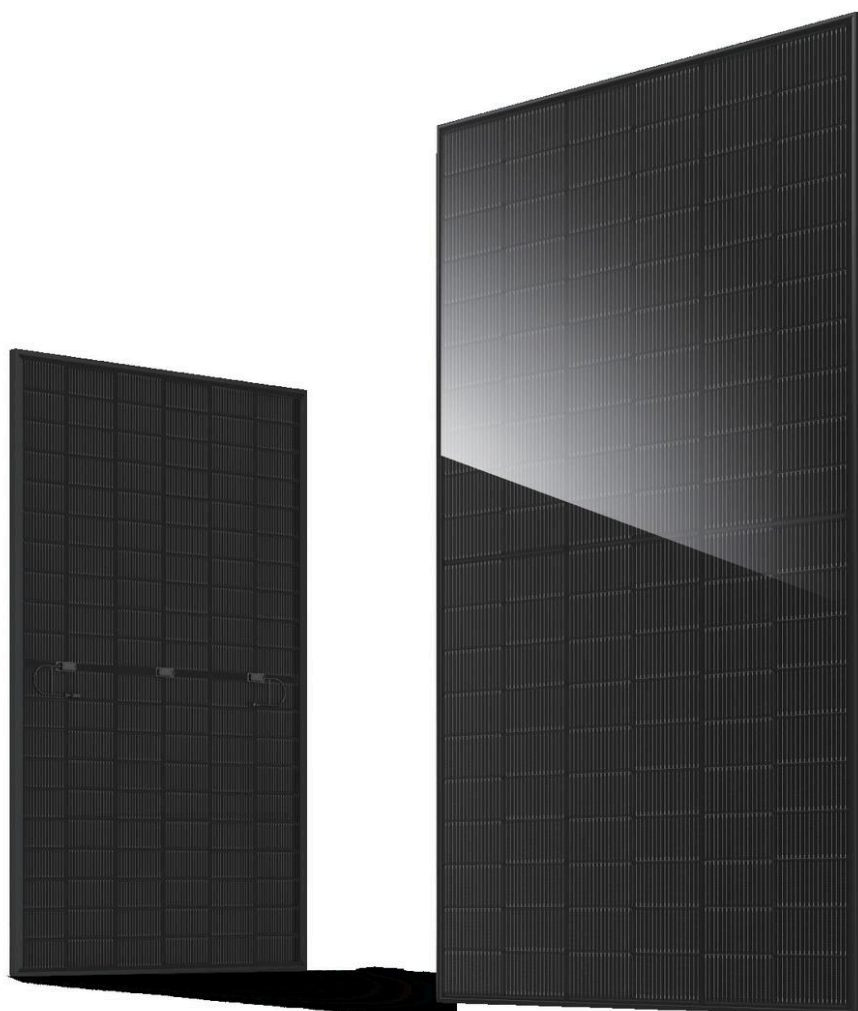


Better Temperature
Coefficient



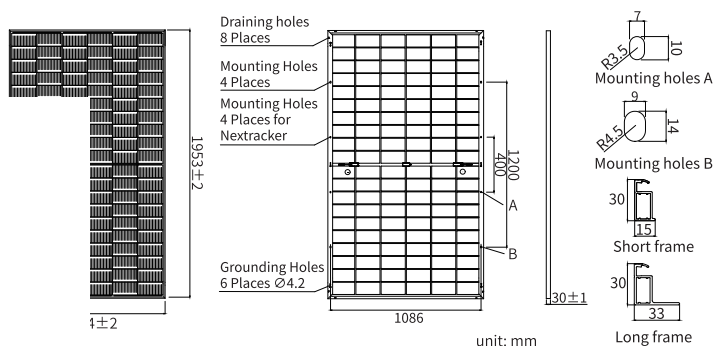
Comprehensive Certifications

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



JAM60D41 LB

n-type Double Glass Bifacial Modules



MECHANICAL PARAMETERS

Cell	Mono
Weight	27.3kg
Dimensions	1953±2mm × 1134±2mm × 30±1mm
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
No. of cells	120(6 × 20)
Junction Box	IP68, 3diodes
Connector	QC 4.10-351/ MC4-EVO2A
Cable Length (Including Connector)	Portrait: 300mm(+)/400mm(-) Landscape: 1200mm(+)/1200mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	36pcs/Pallet, 864pcs/40HQ Container

Remark: customized frame color and cable length available upon request

PARAMETERS AT STC

	JAM60D41 485/LB	JAM60D41 490/LB	JAM60D41 495/LB	JAM60D41 500/LB	JAM60D41 505/LB	JAM60D41 510/LB
Power(Pmax) [W]	485	490	495	500	505	510
Voltage(Voc) [V]	43.25	43.45	43.65	43.85	44.05	44.25
Voltage(Vmp) [V]	36.28	36.49	36.70	36.91	37.11	37.31
Current(Isc) [A]	14.24	14.30	14.36	14.42	14.48	14.54
Current(Imp) [A]	13.37	13.43	13.49	13.55	13.61	13.67
η [%]	21.9	22.1	22.4	22.6	22.8	23.0
0~+3%						
Efficient of Isc(α_Isc)	+0.045%/°C					
Efficient of Voc(β_Voc)	-0.250%/°C					
Efficient of Pmax(γ_Pmp)	-0.290%/°C					
Irradiance 1000W/m², cell temperature 25°C, AM1.5G						

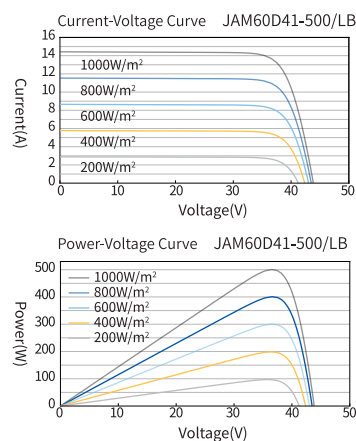
Data in this catalog do not refer to a single module and they are not part of the offer.
Comparison among different module types.

CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

	JAM60D41 485/LB	JAM60D41 490/LB	JAM60D41 495/LB	JAM60D41 500/LB	JAM60D41 505/LB	JAM60D41 510/LB
Power(Pmax) [W]	524	529	535	540	545	551
Voltage(Voc) [V]	43.25	43.45	43.65	43.85	44.05	44.25
Voltage(Vmp) [V]	36.28	36.49	36.70	36.91	37.11	37.31
Current(Isc) [A]	15.38	15.44	15.51	15.57	15.64	15.70
Current(Imp) [A]	14.44	14.50	14.57	14.63	14.70	14.76
Ratio(rear/front)	10%					

Ratio/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/ft²)
Maximum Static Load, Back	2400Pa(50 lb/ft²)
NOCT	45±2°C
Bifaciality*	80%±10%
Safety Class	Class II
Fire Performance	UL Type 29/Class C



Headquarters

No. 8 Building, Nuode Center, No.1 Courtyard, East Auto Museum Road,
Fengtai District, Beijing
Tel: +86 10 6361 1888 Fax: +86 10 6361 9999
E-mail: sales@jasolar.com marketing@jasolar.com www.jasolar.com

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

Version No. : Global-EN-20240729A