

Harvest the Sunshine

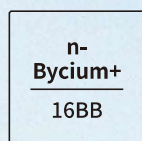
JA SOLAR

510W



JAM60D40 LB n-type Double Glass Bifacial Modules

Premium Cells



MBB Half-Cell Technology

26%



Cell Conversion Efficiency

Premium Modules



Higher power generation better LCOE



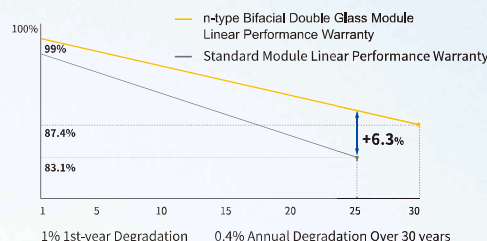
n-type with very Lower LID



Better Temperature Coefficient



Better low irradiance response



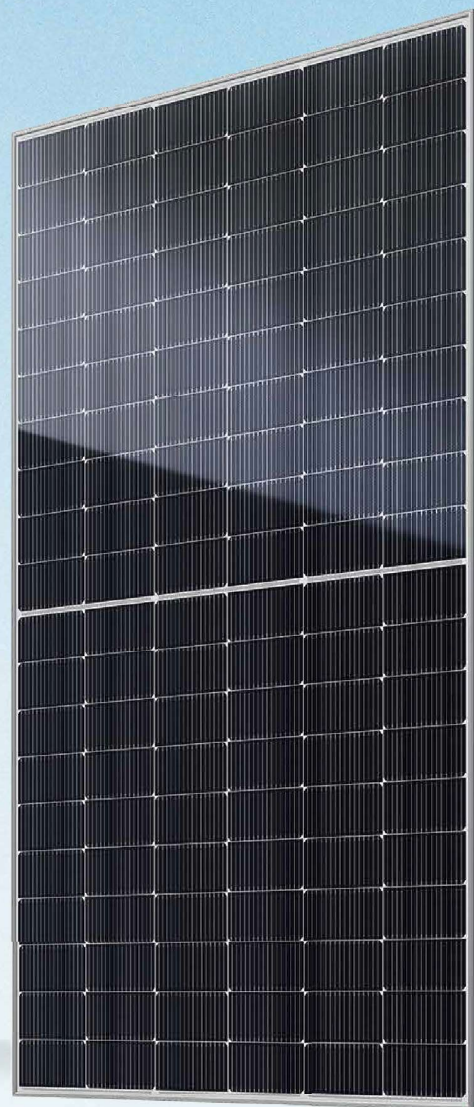
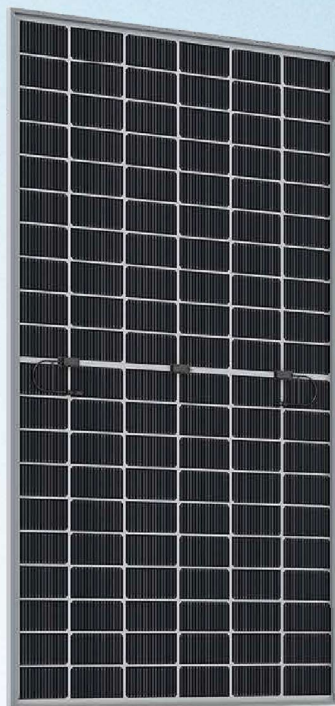
12-year product warranty



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

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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

CHARACTERISTICS

Figure 10 consists of two vertically stacked plots for the JAM60D40-500/LB device. The top plot is the Current-Voltage (I-V) curve, showing Current (A) on the y-axis (0 to 16) versus Voltage (V) on the x-axis (0 to 50). Five curves are shown for different irradiance levels: 1000W/m² (black), 800W/m² (dark blue), 600W/m² (medium blue), 400W/m² (light blue), and 200W/m² (yellow). The bottom plot is the Power-Voltage (P-V) curve, showing Power (W) on the y-axis (0 to 500) versus Voltage (V) on the x-axis (0 to 50). The same five irradiance levels are represented by the same color scheme. Both plots show that as irradiance increases, the device's performance (current and power) improves.

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

JA SOLAR

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