

JA Solar JAM60D41 500/LB FB

Product code: PV.jasolar.fb.500.lb



Od ilości:	
≥ 36 pcs.	Product prices only visible after login. If you do not have an account, please register.
≥ 360 pcs.	Product prices only visible after login. If you do not have an account, please register.

JA Solar JAM60D41 500W LB Full Black N-Type Bifacial Photovoltaic Module – Premium, Bifacial, Glass-Glass Design

The JA Solar JAM60D41 LB 500W module is a high-performance, premium-class photovoltaic panel built with advanced N-Type cells, bifacial technology, and a durable glass-glass structure. Thanks to its innovative design, it captures additional energy from light reflected off the installation surface, significantly increasing total energy yield compared to traditional monofacial panels.

The module features cutting-edge half-cell and multi-busbar (MBB) technology, reducing electrical resistance and improving overall reliability. Its sleek Full Black frame ensures an elegant appearance, making it an excellent choice for projects that require both top performance and modern aesthetics.

Designed with maximum efficiency and longevity in mind, the panel offers extremely low degradation rates: only 1% in the first year and a maximum of 0.4% annually over the next 30 years. It comes with a 25-year product warranty and an extended 30-year linear power output warranty.

Product variants

Index	Price
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Product description

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Key Product Features:

Maximum Power Output: 500 W

Cell Technology: N-Type TOPCon bifacial, 120 half-cut MBB cells

Module Efficiency: Up to 22.6%

Construction: Bifacial glass-glass, Full Black frame, refined finish

Dimensions: 1953 × 1134 × 30 mm

Weight: 27.3 kg

Mechanical Load Resistance: 5400 Pa (front), 2400 Pa (rear)

Environmental Resistance: Operating temperature range from -40°C to +85°C

Power Tolerance: 0~+3%

Cable Length: 300 mm (+) / 400 mm (–) vertical or 1200 mm (+/–) horizontal

Connectors: QC 4.10-351 / MC4-EVO2A

Junction Box: IP68, with 3 bypass diodes

Maximum System Voltage: 1500 V DC

Max. Series Fuse Rating: 30 A

NOCT: 45 ±2°C

Bifaciality Factor: 80% ±10%

Certifications:

IEC 61215, IEC 61730, UL 61215, UL 61730

ISO 9001:2015 – Quality Management

ISO 14001:2015 – Environmental Management

ISO 45001:2018 – Occupational Health and Safety

IEC 62941:2019 – Quality Management for PV Module Manufacturing

Applications:

This module is designed for commercial and industrial rooftop and ground-mounted installations, including solar farms

and single- or dual-axis tracker systems. Its advanced bifacial technology makes it ideal for projects requiring maximum energy yield, environmental durability, and long-term reliability.

JA Solar JAM60D41 500W LB Full Black is a dependable, future-ready solution for investors seeking top-tier quality, backed by international certifications and JA Solar's proven track record in the global photovoltaic market.