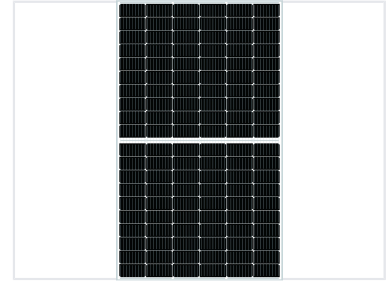
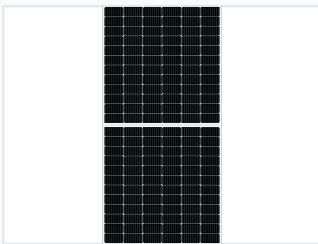


High Efficiency HJT Mono Bifacial Solar Module

This high-efficiency HJT mono solar module improves backside power generation with bifaciality. The module's design reduces shadow effects and enhances reliability.



ADDITIONAL IMAGES



Product Overview

High-Efficiency HJT Solar Modules

These advanced Heterojunction Technology (HJT) mono-facial solar modules are designed to maximize energy conversion through a bifacial design that captures light from both sides, providing up to 35% extra power generation. Engineered with a multi-busbar (MBB) and half-cell architecture, they effectively minimize shading losses and improve overall module reliability. These modules offer exceptional performance in varying environmental conditions, including low-light environments, and feature a robust construction capable of withstanding heavy snow and wind loads.

Key Performance Metrics

Featured Performance

85 %
Bifacial Factor

5 W
Power Tolerance

1500 V
System Voltage

Electrical Characteristics

Technical specifications and electrical parameters for the JNHM120 series.

Module Efficiency Range

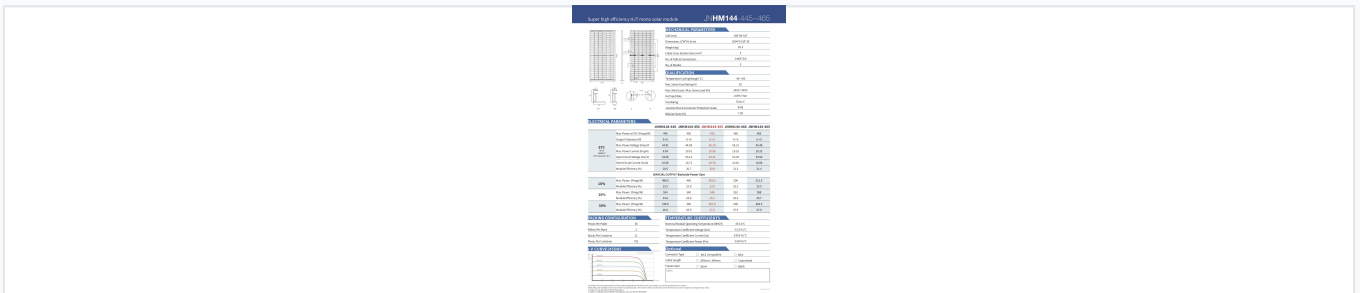
20.3% - 21.4%

Temperature Coefficients

Thermal Performance

Parameter	Coefficient
Voltage (Voc)	-0.21%/°C
Current (Isc)	0.015%/°C
Power (Pm)	-0.26%/°C

Mechanical Specifications



Mechanical and electrical data for the JNHM144 high-efficiency series.

Build Quality

- Junction Box: IP68 Protection
- Fire Rating: Class C
- Max Snow Load: 5400 Pa
- Max Wind Load: 2400 Pa
- PID-free and LID-free

Certifications

Safety Standards

IEC 61215, IEC 61730, ISO 9001, ISO 14001