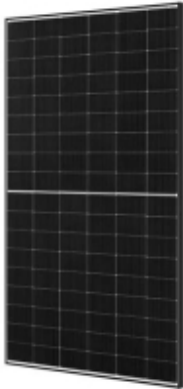


JA Solar JAM54D40 445LB (BFR) (BiFacial)

Product code: PV.jasolar.bf.445.ntype.bifacial



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 JAM54D40 445LB (BFR) (BiFacial) is an advanced solution for photovoltaic systems that offers higher efficiency through dual-sided light absorption, better temperature performance, and low degradation, translating into long-term reliability and higher energy production.

Advantages of the JA Solar JAM54D40 445LB photovoltaic module:

- Better temperature coefficient: This module has an optimized temperature coefficient, meaning its performance decreases more slowly with increasing temperature compared to other modules. This is important in hot climates where higher temperatures can affect photovoltaic panel performance.
- Better response at low irradiation: The JA Solar JAM54D40 445LB module is designed to operate efficiently even at low sunlight levels, making it an ideal solution for regions with variable weather and less sunny days.
- Solid construction: JA Solar modules are known for their durability and resistance to harsh weather conditions such as strong winds, snow, and salt and ammonia corrosion.
- Low LID degradation: The n-type module has very low light-induced degradation (LID), resulting in stable and long-term performance.
- Bifaciality: This panel can absorb light from both sides, increasing its efficiency. It can capture reflected light from surfaces under the panel, contributing to higher energy production, especially in snowy, sandy, or bright surface conditions.

Technical specifications of the JA Solar JAM54D40 445LB:

Maximum rated power (Pmax) [W]: 445
Open circuit voltage (Voc) M: 39.50
Maximum power voltage (Vmp) M: 33.00
Short circuit current (Isc) [A]: 14.56
Maximum power current (Imp) [A]: 13.79
Module efficiency [%]: 22.8
Product warranty: 12 years
30-year linear power output warranty

JA Solar is a global manufacturer of photovoltaic modules headquartered in China, founded in 2005. The company offers innovative solutions based on various technologies, including monocrystalline, polycrystalline, and bifacial. It has manufacturing facilities worldwide, serving customers globally. JA Solar is committed to sustainable and green development, and its products meet the highest international quality standards. The company is also a leader in

bifacial modules, increasing solar energy conversion efficiency. With comprehensive customer service, technical support, and a commitment to sustainable development, JA Solar plays a key role in the renewable energy market.

Product variants

Index	Price
JA Solar JAM54D40 445LB (BFR) (BiFacial) PV.jasolar.bf.445.ntype.bifacial	Product prices only visible after login. If you do not have an account, please register.

Product description

JA Solar JAM54D40 445LB (BFR) (BiFacial) is an advanced solution for photovoltaic systems that offers higher efficiency through dual-sided light absorption, better temperature performance, and low degradation, translating into long-term reliability and higher energy production.

Advantages of the JA Solar JAM54D40 445LB photovoltaic module:

- Better temperature coefficient: This module has an optimized temperature coefficient, meaning its performance decreases more slowly with increasing temperature compared to other modules. This is important in hot climates where higher temperatures can affect photovoltaic panel performance.
- Better response at low irradiation: The JA Solar JAM54D40 445LB module is designed to operate efficiently even at low sunlight levels, making it an ideal solution for regions with variable weather and less sunny days.
- Solid construction: JA Solar modules are known for their durability and resistance to harsh weather conditions such as strong winds, snow, and salt and ammonia corrosion.
- Low LID degradation: The n-type module has very low light-induced degradation (LID), resulting in stable and long-term performance.
- Bifaciality: This panel can absorb light from both sides, increasing its efficiency. It can capture reflected light from surfaces under the panel, contributing to higher energy production, especially in snowy, sandy, or bright surface conditions.

Technical specifications of the JA Solar JAM54D40 445LB:

Maximum rated power (Pmax) [W]: 445
Open circuit voltage (Voc) M: 39.50
Maximum power voltage (Vmp) M: 33.00
Short circuit current (Isc) [A]: 14.56
Maximum power current (Imp) [A]: 13.79
Module efficiency [%]: 22.8
Product warranty: 12 years
30-year linear power output warranty

JA Solar is a global manufacturer of photovoltaic modules headquartered in China, founded in 2005. The company offers innovative solutions based on various technologies, including monocrystalline, polycrystalline, and bifacial. It has manufacturing facilities worldwide, serving customers globally. JA Solar is committed to sustainable and green development, and its products meet the highest international quality standards. The company is also a leader in bifacial modules, increasing solar energy conversion efficiency. With comprehensive customer service, technical support, and a commitment to sustainable development, JA Solar plays a key role in the renewable energy market.

