

## JA Solar JAM54S30-415/MR- 415Wp (BFR)

Product code: PV.jasolar.bf.415



Od ilości:

≥ 36 pcs.

Product prices only visible after login. If you do not have an account, please register.

The JA Solar JAM54S30-415/MR Deep Blue 3.0 photovoltaic panel is distinguished by its high efficiency and durability, based on half-cell technology. The design with half-cells brings lower internal resistance and reduces power losses by 1/4 compared to full-cell panels. Additionally, panels made with this technology generate higher output power and function effectively daily due to a lower power temperature coefficient and less shading impact on energy production. The panel has an elegant appearance with a black frame.

### Main advantages of the JA Solar JAM54S30-415/MR Deep Blue 3.0 photovoltaic panel:

- High efficiency and durability.
- Use of innovative half-cell technology.
- Significantly lower power losses compared to classical construction panels.
- Effective in everyday conditions due to a lower power temperature coefficient.
- Minimized shading impact on energy production.
- Elegant black frame emphasizing the panel's aesthetics.

### Technical specifications of the JAM54S30-415/MR Deep Blue 3.0:

Dimensions: Length: 1722+2 mm, Width: 1134+2 mm, Thickness: 30+1 mm

Weight: 21.5 kg

Cell technology: Monocrystalline

Number of cells: 108 (6x18)

Connector type: EVO2

Product warranty (years): 12

Power output warranty (years): 25

Cable length: Vertical: 300mm (+) / 400mm (-); Horizontal: 1200mm (+) / 1200mm (-)

Max. power (Pmax): 415Wp

Max. power voltage (Vmp): 31.61V

Max. power current (Imp): 13.13A

Open circuit voltage (Voc): 37.45V

Short circuit current (Isc): 14.02A

Maximum system voltage: 1000V/1500V DC

Maximum series fuse rating: 25A

Frame color: black

Max. static load (front): 5400 Pa

Max. static load (rear): 2400 Pa

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
<b>JA Solar JAM54S30-415/MR- 415Wp (BFR)</b> PV.jasolar.bf.415	Product prices only visible after login. If you do not have an account, please register.

## Product description

The JA Solar JAM54S30-415/MR Deep Blue 3.0 photovoltaic panel is distinguished by its high efficiency and durability, based on half-cell technology. The design with half-cells brings lower internal resistance and reduces power losses by 1/4 compared to full-cell panels. Additionally, panels made with this technology generate higher output power and function effectively daily due to a lower power temperature coefficient and less shading impact on energy production. The panel has an elegant appearance with a black frame.

### Main advantages of the JA Solar JAM54S30-415/MR Deep Blue 3.0 photovoltaic panel:

- High efficiency and durability.
- Use of innovative half-cell technology.
- Significantly lower power losses compared to classical construction panels.
- Effective in everyday conditions due to a lower power temperature coefficient.
- Minimized shading impact on energy production.
- Elegant black frame emphasizing the panel's aesthetics.

### Technical specifications of the JAM54S30-415/MR Deep Blue 3.0:

Dimensions: Length: 1722+2 mm, Width: 1134+2 mm, Thickness: 30+1 mm

Weight: 21.5 kg

Cell technology: Monocrystalline

Number of cells: 108 (6x18)

Connector type: EVO2

Product warranty (years): 12

Power output warranty (years): 25

Cable length: Vertical: 300mm (+) / 400mm (-); Horizontal: 1200mm (+) / 1200mm (-)

Max. power (Pmax): 415Wp

Max. power voltage (Vmp): 31.61V

Max. power current (Imp): 13.13A

Open circuit voltage (Voc): 37.45V

Short circuit current (Isc): 14.02A

Maximum system voltage: 1000V/1500V DC

Maximum series fuse rating: 25A

Frame color: black

Max. static load (front): 5400 Pa

Max. static load (rear): 2400 Pa

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.

---