

Canadian Solar TOPHiKu6 CS6R 430W FB N-Type

Product code: PV.canadian.fb.430.ntype



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.

The Canadian Solar TOPHiKu6 CS6R 430W FB N-Type photovoltaic module is a technologically advanced solution that provides high performance and reliability, ideal for various photovoltaic installations.

Advantages of the Canadian Solar CS6R-430T-FB product:

- Module power: up to 430 W
- Module efficiency: up to 22.0%
- Excellent anti-LeTID and anti-PID performance: The module is resistant to degradation caused by LeTID and PID, ensuring its longevity and reliability.
- Low power degradation: Ensures high energy efficiency throughout the module's lifespan.
- Lower temperature coefficient (Pmax): -0.29%/°C, allows for increased energy yield in hot climates, crucial for high-temperature regions.
- Reduction in total energy cost: High efficiency and low power degradation contribute to reducing the cost of the photovoltaic system.
- The module's design minimizes the impact of micro-cracks, enhancing its durability and reliability.

Product variants

Index	Price
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Product description

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Technical specifications of the Canadian Solar TOPHiKu6 CS6R 430W FB N-Type:

Cell type: TOPCon

Cell layout: 108 [2 x (9 x 6)]

Dimensions: 1722 x 1134 x 30 mm

Weight: 21.3 kg

Junction box (J-Box): IP68, 3 bypass diodes

Cable: 4 mm² (IEC), 12 AWG (UL)

Connector: T6, MC4, MC4-EVO2 or MC4-EVO2A

Cable length (including connector):

- Vertical: 350 mm (13.8 in) (+) / 250 mm (9.8 in) (-)

- Horizontal: 1150 mm (45.3 in)*

Nominal maximum power (Pmax): 430 W

Optimal operating voltage (Vmp): 32.4 V

Optimal operating current (Imp): 13.59 A

Open circuit voltage (Voc): 39.4 V

Short circuit current (Isc): 14.01 A

Operating temperature range: -40°C to +85°C

Maximum system voltage: 1500V (IEC/UL) or 1000V (IEC/UL)

Maximum series fuse rating: 25 A

Application class: Class A

Cell type: TOPCon cells

Cell layout: 108 [2 x (9 x 6)]

Canadian Solar TOPHiKu6 CS6R 430W FB N-Type is a product that, thanks to advanced technology, high performance, and reliability, is the ideal choice for modern photovoltaic installations, providing long-term and efficient energy production in various climatic conditions.