

# Canadian Solar TOPHiKu6 CS6R 440W BF N-Type

Product code: PV.canadian.bf.440.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 440W BF 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-440T-BF product:

- Module power: up to 440 W
- Module efficiency: up to 22.5%

- 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**

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## **Product description**

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#### Technical specifications of the Canadian Solar TOPHiKu6 CS6R 440W BF N-Type:

Cell type: TOPCon Cell lavout: 108 [2 x (9 x 6)] Dimensions: 1722 × 1134 × 30 mm Weight: 21.3 kg Junction box (J-Box): IP68, 3 bypass diodes Cable: 4 mm<sup>2</sup> (IEC), 12 AWG (UL) Connector: T6, MC4, MC4-EVO2 or MC4-EVO2A Cable length (including connector): - Vertical: 300 mm (11.8 in) (+) / 200 mm (7.9 in) (-) - Horizontal: 1100 mm (43.3 in)\* Nominal maximum power (Pmax): 440 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 440W BF 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.