



## Solar panel 470w size

What is Aiko NeoStar 3s 470W?

The Aiko Neostar 3S 470W panel is a premium residential solar module featuring Gen 3 N-Type ABC (All Back Contact) technology with a bezel-less, all-black finish for unmatched performance and visual appeal. With 108 monocrystalline cells and cell-level shade optimisation, this sleek panel leads the industry in efficiency, design, and durability.

What is the difference between a 400W and 450W solar panel?

Panel "Size" vs Physical Dimensions: The most critical distinction for homeowners is that solar panel "size" refers to electrical output (measured in watts), not physical measurements. A 400W panel has the same physical footprint whether it produces 350W or 450W - the difference lies in cell efficiency and technology.

What is the most powerful residential solar panel?

REC's most powerful residential solar panel, the REC Alpha Pure-RX hits the sweet spot between high power and practical handling, in an elegant full-black design. Reaching 470 W in a compact form factor, it boasts an impressive power density of 21 W/ft<sup>2</sup>, with 22.6% panel efficiency.

How much weight can a solar panel support?

Solar panel weight is a critical factor for roof structural integrity: Most residential roofs can support 20 pounds per square foot, making solar panels well within safe limits. However, older homes or those with structural concerns should have a professional assessment.

Our 470W solar panels use gallium-doped technology to overcome the light attenuation of components, which can ensure long-term stable power generation of components. The 470watt ...

Our 470W solar panels use gallium-doped technology to ...

470W Solar Panel TFL Series TFL-210X30\_10\_36 Maximum Power-Pm [W] 470W Open Circuit Voltage-Voc [V] 46.56 Short Circuit Current-Isc [A]

Aiko Neostar 3S 470W N-Type ABC, 54 Cell, Mono Glass All Black, Gen 3 o Rating: 470W o Efficiency: 23.5% o Height: 1,762mm o Width: 1,134mm o Depth: 30mm o Weight: 20.6kg o Isc: 14.72 A o Voc: ...

This approval makes AIKO's Neostar 470W the first solar panel in stock in Australia to deliver such high power in a standard residential module size--offering unprecedented efficiency and ...

Part No: AIK-A-MAH54-470-BF-G2 Panels - Monocrystallines Rating: 470W Efficiency: 23.6% Width: 1,134mm Height: 1,757mm Aiko Monocrystalline N-type ABC - Neostar Gen 2 AIKO-A470-MAH54Mw ...

SOLAR PANEL 470 WATTS | FULL BLACK | JINKO SOLAR | Half-cut | N-Type TOPCon | 120 Cells PV Module | Power tolerance 0/+3W | L 1903 mm, W 1134 mm, D 30 mm | 24.20 kg | Material Warranty ...



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470W Aiko Gen 3 Neostar 3S panel with N-Type ABC tech, bezel-less all black frame, and cell-level shade optimisation. Stylish, efficient and advanced.

Complete guide to solar panel sizes and dimensions. Compare 60-cell vs 72-cell panels, weights, roof space requirements, and installation specs for 2025.

Part No: AIK-A-MAH54-470-BF-G2 Panels - Monocrystallines Rating: 470W ...

The Aiko Neostar 2+ N-Type ABC 470W G2 solar panel offers cutting-edge performance with advanced N-Type ABC (All-Back Contact) technology and dual-glass construction for maximum efficiency and ...

REC's most powerful residential solar panel, the REC Alpha Pure-RX hits the sweet spot between high power and practical handling, in an elegant full-black design. Reaching 470 W in a ...

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