



# 182mm monocrystalline PERC module





## Overview

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What is PERC monocrystalline solar panel?

PERC monocrystalline solar panel is the latest technology and powerful solar panel. It uses PERC cells which are considered to be the latest invention in the solar field. PERC stands for Passivated Emitter and Rear Contact.

What is a monocrystalline PERC cell?

A monocrystalline PERC cell is a more advanced version of the mono cell. It uses additional layers on the rear side of the cell to help capture more energy and increase efficiency.

How many watts can a 182mm PERC solar panel produce?

Laser SE combined with PERC technology makes 182mm solar cell rated power up to 7.58W at 23% efficiency. 72 pieces of 182mm Mono PERC solar cells combined with half-cut technology can make solar panels with power up to 545 watt. High power solar panel helps lower the BOS cost of solar PV system. [Product description](#) 1.

How many watts can a mono PERC solar panel produce?

72 pieces of 182mm Mono PERC solar cells combined with half-cut technology can make solar panels with power up to 545 watt. It is beneficial for lowering the BOS cost of solar power system. [Process flow](#) [Key features](#)



## 182mm monocrystalline PERC module



### High Efficiency Monocrystalline PERC Technology Solar Cells 182mm ...

Coupled with superior PID resistance and anti-PID performance, our modules ensure long-term durability. With reduced sealing damage and CTM loss rates, they are tailored for high ...

### [Bifacial 182mm M10 Monocrystalline PERC Solar Cell](#)

Laser SE combined with PERC technology makes 182mm solar cell rated power up to 7.58W at 23% efficiency. 72 pieces of 182mm Mono PERC solar cells combined with half-cut technology ...



### [Premium 182mm Mono PERC Solar Panel 440W ...](#)

These panels utilize advanced Mono PERC (Passivated Emitter and Rear Cell) technology. This enhances light absorption and reduces electron ...

### [182 Monocrystalline Bifacial PERC Solar Cell S18210BB023](#)

182 Monocrystalline Bifacial PERC Solar Cell S18210BB023 FEATURES Ultra-Efficient solar cells with an anisotropically etched surface



### PERC Monocrystalline solar cells (182mm)

Thickness (cell): 180±20 mm. Front Side (-): Silicon oxide + blue silicon nitride compound anti-reflection coating (PID Free) ; The front side is a half-cut design; The busbar head is a large ...



### **Perc 550W 540W single glass / Dual glass bifacial mono solar module**

Mogen Solar MG10 Perc monocrystalline single glass 540-555Watt photovoltaic solar panel. The new series integrates 182mm silicon wafers, with perc, multi-busbar cell technology and high ...



Deye inverters and Deye batteries are more compatible.

### Bifacial 182mm M10 Monocrystalline PERC Solar Cell

Laser SE combined with PERC technology makes 182mm solar cell rated power up to 7.58W at 23% efficiency. 72 pieces of 182mm Mono PERC ...



## High Efficiency Monocrystalline PERC Technology Solar Cells ...

Lower Cell to Module (CTM) Loss Rate, more suitable for high-efficiency module Multiple bus bars effectively reduce power loss Front efficiency  $\geq 23.6\%$ , Bifaciality rate  $\geq 70\%$  Mechanical ...



### [PERC Monocrystalline solar cells \(182mm\)](#)

Thickness (cell):  $180 \pm 20$  mm. Front Side (-): Silicon oxide + blue silicon nitride compound anti-reflection coating (PID Free) ; The front side is a ...

### [Premium 182mm Mono PERC Solar Panel 440W 445W 450W ...](#)

These panels utilize advanced Mono PERC (Passivated Emitter and Rear Cell) technology. This enhances light absorption and reduces electron recombination, significantly boosting ...



### [PP182A-R10D1-XH2\(182mm\\*182mm-10B B\)No.A5-2024](#)

Monocrystalline Bifacial PERC Cell PRODUCT CHARACTERISTICS HIGH CONVERSION EFFICIENCY WITH HIGH RELIABILITY BOTH SIDES CAN GENERATE ELECTRICITY LOW ...





## High Efficiency Monocrystalline PERC Technology Solar Cells ...

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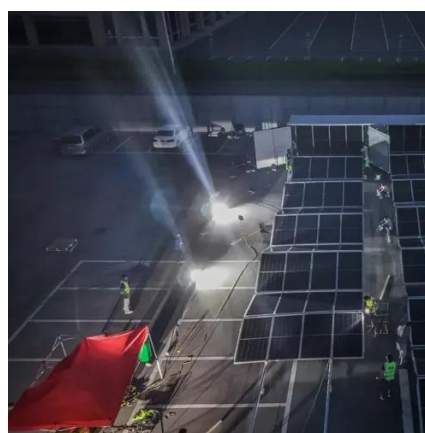


## Best 182\*182mm M10 Monocrystalline Perc Solar Cell Half-Cut ...

Best 182\*182mm M10 Monocrystalline Perc Solar Cell Half-Cut Cell PV Module for Sale, Find Details and Price about Solar Cell Price Mono Solar Cell from Best 182\*182mm ...

## [Perc 550W 540W single glass / Dual glass bifacial ...](#)

Mogen Solar MG10 Perc monocrystalline single glass 540-555Watt photovoltaic solar panel. The new series integrates 182mm silicon wafers, ...



## High Efficiency Monocrystalline PERC Technology Solar Cells 182mm ...

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## **182mm Cells 440W 450W 460W Mono PERC Full Black PV Module ...**

The module achieves high PID resistance through an optimized solar cell process and premium BOM selection, ensuring reliable performance even under harsh environmental conditions.





## Contact Us

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