

# High Power Monocrystalline PERC Solar Module

This high-power dual cell PERC module has a power range of 400~420 W in CS6R model and 530~555 W in CS6W model. The module achieves efficiency up to 21.6 % and provides 2.7% more energy yield in its lifetime.



## ADDITIONAL IMAGES



## Overview



Advanced cell architecture for increased power output and shading tolerance.

### High-Efficiency Monocrystalline PERC Solar Module

This high-power dual-cell PERC module is engineered for superior energy yield and reliability in both commercial and utility-scale applications. Featuring advanced cell technology, the module delivers high power output and enhanced efficiency, significantly reducing LCOE and system costs. Its robust design, including IP68 split junction boxes and crossbar-enhanced frames, ensures durability and optimal performance even in challenging environmental conditions.

## Key Performance Metrics

### Performance Highlights

<b>555 W</b> Max Power Output	<b>21.6 %</b> Module Efficiency	<b>4.5 %</b> LCOE Reduction
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## Mechanical Data

Cell Type	Mono-crystalline
Cell Arrangement	144 cells
Dimensions	2261 x 1134 x 35 mm
Weight	27.8 kg
Frame Material	Anodized aluminium alloy, crossbar enhanced

## Electrical Data



Optimized cable assembly for reduced energy loss and simplified installation.

### Fire Performance

Class C

Operating Temperature	-40°C ~ +85°C
Max System Voltage	1500V / 1000V
Max Series Fuse Rating	25 A

## Features

Key Technologies	PERC, LID Mitigation, LeTID Mitigation, IP68 Split Junction Box
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