

530W-550W Mono PERC Solar Panel with 144 Half-Cut Cells

This high-efficiency Mono PERC solar panel features 144 half-cut cells utilizing 182mm wafer technology. It provides a power output ranging from 530W to 550W and is designed for durability.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Mono PERC Solar Module

This high-performance monocrystalline solar module features 144 half-cut cells utilizing advanced 182mm wafer technology. Engineered for versatility, it delivers a power output range of 530W to 550W, making it an excellent choice for residential, commercial, and utility-scale solar installations. Its robust design ensures reliable energy conversion and long-term durability across diverse environmental conditions.

Key Features

Cell Technology

Monocrystalline, PERC, 144 Half-Cut Cells, 182mm Wafer

Warranty

Warranty Coverage

- 10-year repair and workmanship warranty
- 12-year warranty at 90% power output
- 25-year warranty at 80% power output

Electrical Parameters (STC)

Performance Metrics (STC)

Power	Voc (V)	Isc (A)	Efficiency
530W	49	13.76	20.51%
535W	49.2	13.81	20.70%
540W	49.4	13.87	20.90%
545W	49.6	13.93	21.09%
550W	49.8	13.99	21.28%

Electrical Parameters (NMOT)

Performance Metrics (NMOT)

Power	Voc (V)	Isc (A)	Efficiency
395W	45.9	11.09	15.28%
399W	46.1	11.13	15.44%
402W	46.3	11.18	15.56%
406W	46.4	11.23	15.71%
410W	46.6	11.28	15.86%