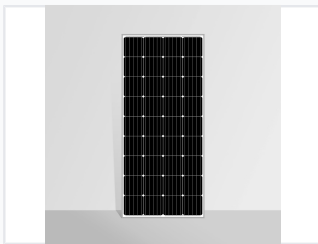


# 155W-190W Monocrystalline 36-Cell Solar Panel

This monocrystalline solar panel contains 36 cells and delivers between 155W and 190W of power. It is designed for use in residential, commercial, and off-grid solar systems.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency 36-Cell Monocrystalline Solar Panel

This standard-size solar panel series offers a power range from 155W to 190W, utilizing 36 high-efficiency monocrystalline cells. Designed for versatility, these modules are ideal for residential, commercial, and off-grid applications where reliable energy generation is required. The panels feature advanced 5-busbar technology and a robust aluminum frame to ensure long-term durability and excellent performance even in low-light conditions.

## Key Performance Metrics

### Performance Highlights

**190 W**

Max Power Output

**20.37 %**

Max Efficiency

**36**

Cell Count

**1500 VDC**

Max System Voltage

## Electrical Specifications (Mono)



Detailed dimensions, mounting hole locations, and current-voltage characteristics at various temperatures.

### Monocrystalline Model Comparison

Model	Pmax (W)	Vmp (V)	Imp (A)	Voc (V)	Isc (A)
165M-36	165	18.3	9.02	22.5	9.65
170M-36	170	18.5	9.19	22.8	9.75
175M-36	175	18.7	9.36	23.1	9.78
180M-36	180	19	9.48	23.5	9.82
190M-36	190	19.4	9.8	23.8	10.17

### Physical Characteristics

Module Dimensions	1480 * 670 * 35 mm
Module Weight	11 kg
Frame Type	High-stability Aluminum Frame

### Environmental Ratings

#### Mechanical Load Capacity

- Wind Load: 2400 Pascal
- Snow Load: 5400 Pascal
- High Salt Mist Resistance
- Ammonia Resistance

Operating Temperature Range: -40°C to +85°C

### Temperature Coefficients

Temp. Coefficient of PMAX: -0.37 %/°C

Nominal Module Operating Temp: 41±3°C

## Certifications & Warranty

**ARBO SOLAR**  
**36 cells 150-190w**

**PRODUCT ADVANTAGE**

- 5-BUSBAR TECHNOLOGY**: 5-busbar technology provides better current collection and reduces the risk of microcracks.
- HIGH EFFICIENCY**: High efficiency solar cells provide better energy conversion.
- LONG-LIFE PERFORMANCE**: Long-life performance ensures a longer service life.
- QUALITY GUARANTEED BY MONITORING**: Quality guaranteed by monitoring.
- EXCELLENT WEATHER RESISTANCE**: Excellent weather resistance.

**TECHNOLOGY**

- 5-BUSBAR TECHNOLOGY
- LONG-LIFE PERFORMANCE
- EXCELLENT WEATHER RESISTANCE

**QUALIFICATION**

ISO 9001, CE, TUV, SGS, IEC 1500V, UL, ISO

**KEY FEATURES**

- 5-BUSBAR TECHNOLOGY
- LONG-LIFE PERFORMANCE
- EXCELLENT WEATHER RESISTANCE

**Linear performance warranty**

25-year linear performance warranty

Key advantages including 5-busbar technology and 25-year linear power warranty performance.

### Warranty Coverage

- 12-Year Product Warranty
- 25-Year Linear Power Warranty

### Product Certifications

TUV, CE, SGS, IEC 1500V, UL, ISO

## Logistics Data

40'GP Container Capacity

1350 pieces (45 pallets)