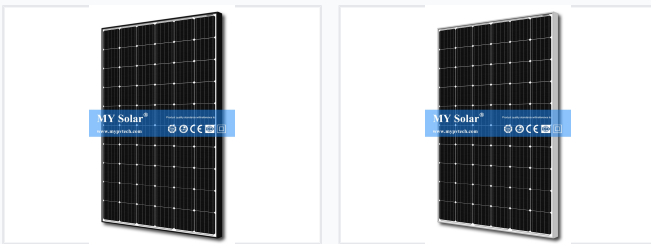


305W-325W Monocrystalline Solar Panel

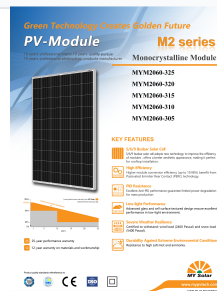
This monocrystalline solar panel provides a power output ranging from 305W to 325W. It utilizes passivated emitter rear contact (PERC) technology to achieve higher module conversion efficiency.



ADDITIONAL IMAGES



Overview



Advanced cell technology features including busbar design and PERC efficiency.

High-Efficiency Monocrystalline Solar Module

This high-efficiency monocrystalline solar panel series, ranging from 305W to 325W, is engineered for optimal energy conversion using advanced Passivated Emitter Rear Contact (PERC) technology. Designed for durability in diverse environments, the module features robust construction resistant to high salt mist and ammonia, ensuring long-term reliability. With its 5/6/9 busbar technology and textured glass surface, it delivers superior performance even in low-light conditions, making it an ideal choice for residential, commercial, and industrial rooftop installations.

Key Features

PERC Technology, Anti-PID Performance, Low-light Optimized, 5/6/9 Busbar Cells, Weather Resistant

Electrical Specifications

Performance Metrics

325 Wp

Max Power Output

19.98 %

Max Efficiency

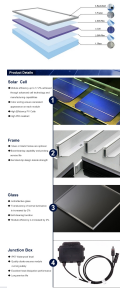
1000 VDC

Max System Voltage

Electrical Characteristics (STC)

| Parameter | Value Range |
|-----------------------------|---------------|
| Max Power (Pmax) | 305W - 325W |
| Max Power Voltage (Vmp) | 32.8V - 33.6V |
| Open-circuit Voltage (Voc) | 40.3V - 41.2V |
| Max Power Current (Imp) | 9.30A - 9.67A |
| Short-circuit Current (Isc) | 9.78A - 10.2A |

Mechanical and Environmental



Detailed construction of the module, featuring IP67 waterproof junction box and reinforced frame design.

Physical Dimensions & Weight

- Dimensions: 1640 x 992 x 35 mm
- Weight: 18.5 kg
- Cell Type: Mono PERC 156.75 x 156.75 mm
- Cell Configuration: 60 Cells (6x10)

Environmental Resilience

- Wind Load Capacity: 2400 Pascal
- Snow Load Capacity: 5400 Pascal
- Operating Temperature: -40°C to +85°C
- Junction Box Rating: IP67 Waterproof

Logistics



Global project experience and flexible delivery options.

Packaging Configuration

- 400 pcs per 20'GP container
- 840 pcs per 40'GP container
- 896 pcs per 40'HQ container

Warranty

Warranty Coverage

- 12-year warranty on materials and workmanship
- 25-year performance warranty