

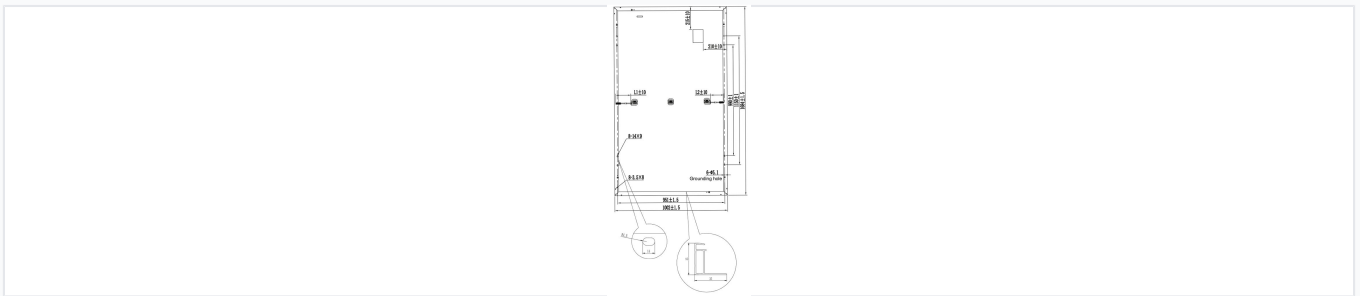
Monocrystalline Half-Cut Cell Solar Panel

325-345W

This monocrystalline solar panel utilizes half-cut cell technology to minimize internal power loss and improve overall power. Its excellent heat dissipation avoids hot spot production.



Product Overview



Technical engineering drawing detailing dimensions, mounting points, and edge profiles for installation planning.

Advanced Half-Cut Technology

This monocrystalline solar panel series utilizes advanced half-cut cell technology to significantly reduce internal power loss and enhance overall module efficiency, reaching up to 20.4%. Designed for optimal performance, the panels feature excellent heat dissipation to prevent hot spots and are suitable for diverse environments, including North American and European markets. With a 10-year product warranty and a 25-year power output warranty, these modules provide a reliable and long-term energy solution.

Key Features

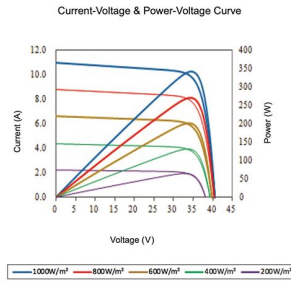
Performance Advantages

- Higher power output
- Greater effective generating area
- Large size technology suitable for various cell types
- Compatible with double-glass, slicing, MBB, and imbricate technologies
- Reduces power station system costs by approximately 0.8%

Market Compliance

IEC Compliant, North America Ready, Europe Ready

Electrical Characteristics (STC)



I-V and P-V characteristic curves illustrating module performance across varying irradiance levels.

Standard Test Conditions Performance

Parameter	325W	335W	345W
Voc (V)	40.3	40.5	40.7
Isc (A)	10.61	10.87	11.14
Vmp (V)	33.9	34.3	34.7
Imp (A)	9.6	9.78	9.96

Power Tolerance 0 ~ +5W

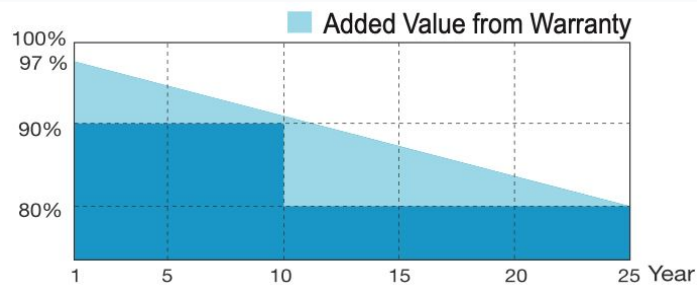
Max System Voltage 1000V / 1500V DC (IEC)

Operating Environment

Operating Temperature -40°C to +85°C

NOCT 45 °C

Warranty



Linear degradation visualization demonstrating the 25-year power output warranty coverage.

Product Warranty 10 Years

Power Output Warranty 25 Years