THE

DUOMAX twin
HALF-CELL DUAL GLASS 120 LAYOUT MODULE

120 LAYOUT
MONOCRYSTALLINE MODULE

315-340W
POWER OUTPUT RANGE

20.0%
MAXIMUM EFFICIENCY

0~+5W
POSITIVE POWER TOLERANCE

Products
TSM-DEGM6C.20(II)
Power Range
315-340W

High power
- Up to 340W front power and 20.0% module efficiency with half-cut and MBB (Multi Busbar) technology bringing more BOS savings
- Lower resistance of half-cut and good reflection effect of MBB ensure high power

High reliability
- Ensured PID resistance through cell process and module material control
- Resistant to salt, acid and ammonia
- Proven to be reliable in high temperature and humidity areas
- Certificated to fire class A
- Minimizes micro-crack and snail trails
- Mechanical performance: Up to 5400 Pa positive load and 2400 Pa negative load

High energy generation
- Up to 25% additional power gain from back side depending on the albedo
- Excellent IAM and low light performance validated by 3rd party with cell process and module material optimization
- Lower temp coefficient (-0.35%) and NMOT bring more energy leading to lower LCOE
- Better anti-shading performance and lower operating temperature

Easy to install
- Frame design makes module compatible with all racking and installation methods
- Easy to handle and install as normal framed module during transportation

Trina Solar’s DUOMAX Performance Warranty

From the 2nd year to the 30th year, the average annual power decline will be no more than 0.5%.

Founded in 1997, Trina Solar is the world’s leading total solution provider for solar energy. With local presence around the globe, Trina Solar is able to provide exceptional service to each customer in each market and deliver our innovative, reliable products with the backing of Trina as a strong, bankable brand. Trina Solar now distributes its PV products to over 100 countries all over the world. We are committed to building strategic, mutually beneficial collaborations with installers, developers, distributors and other partners in driving smart energy together.

ISO 9001: Quality Management System
ISO 14001: Environmental Management System
OHSAS 18001: Occupation Health and Safety Management System

Trina's DUOMAX Warranty
**Electrical characteristics with different rear side power gain (reference to 335 Wp front)**

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**Mechanical Data**

- **Solar Cells**: Monocrystalline
- **Cell Orientation**: 120 cells (6 x 20)
- **Module Dimensions**: 1700 x 1002 x 30 mm (66.93 x 39.45 x 1.18 inches)
- **Weight**: 22.0 kg (48.5 lb)
- **Front Glass**: 2.0mm (0.08 inches), High Transmission, AR Coated Heat Strengthened Glass
- **Encapsulant Material**: POE/EVA
- **Back Glass**: 2.0mm (0.08 inches), Heat Strengthened Glass (white Grid Glass)
- **Frame**: 30 mm (1.18 inches) Anodized Aluminium Alloy
- **J-Box**: IP 68 rated
- **Cables**: Photovoltaic Technology Cable 4.0mm/superior (0.006 inches/superior), Portrait: N 280mm/P 280mm/11.02/11.02 inches
- **Landscape**: N 1700 mm /P 1700 mm (66.93/66.93 inches)

**Temperature Ratings**

- **NMoT (Nominal Module Operating Temperature)**: 41°C (±3°C)
- **Temperature Coefficient of Pmax**: -0.35%/°C
- **Temperature Coefficient of Voc**: -0.25%/°C
- **Temperature Coefficient of Isc**: 0.04%/°C

**Warranty**

- 12 year Product Workmanship Warranty
- 30 year Power Warranty

**Packaging Configuration**

- Modules per box: 35 pieces
- Modules per 40’ container: 910 pieces