Mono Multi Solutions

POSITIVE POWER TOLERANCE

MAXIMUM POWER OUTPUT

MAXIMUM EFFICIENCY

IEC61215/IEC61730/IEC61701/IEC62716/UL61730

ISO 9001: Quality Management System

ISO 14001: Environmental Management System

ISO45001: Occupational Health and Safety Management System

EU-28 WEEE

COMPLIANT

RECYCLABLE

PACKAGING

PRODUCT: TSM-DEG21C.20

POWER RANGE: 640-665W

High customer value

- Lower LCOE (Levelized Cost Of Energy), reduced BOS (Balance of System) cost, shorter payback time
- Lowest guaranteed first year and annual degradation
- Designed for compatibility with existing mainstream system components

High power up to 665W

- Up to 21.4% module efficiency with high density interconnect technology
- Multi-busbar technology for better light trapping effect, lower series resistance and improved current collection

High reliability

- Minimized micro-cracks with innovative non-destructive cutting technology
- Ensured PID resistance through cell process and module material control
- Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity areas
- Mechanical performance up to 5400 Pa positive load and 2400 Pa negative load

High energy yield

- Excellent IAM (Incident Angle Modifier) and low irradiation performance, validated by 3rd party certifications
- The unique design provides optimized energy production under inter-row shading conditions
- Lower temperature coefficient (-0.34%) and operating temperature
- Up to 25% additional power gain from back side depending on albedo

Trina Solar's Vertex Bifacial Dual Glass Performance Warranty

Comprehensive Products and System Certificates

IEC61215/IEC61730/IEC61701/IEC62716/UL61730

ISO 9001: Quality Management System

ISO 14001: Environmental Management System

ISO45001: Occupational Health and Safety Management System

Trina Solar
**DIMENSIONS OF PV MODULE (mm)**

<table>
<thead>
<tr>
<th>A-A</th>
<th>B-B</th>
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**Operational Temperature**
-40~+85ºC

**Maximum System Voltage**
1500V DC (IEC)

**ELECTRICAL DATA (STC)**

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<tr>
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<td>37.5</td>
<td>37.7</td>
<td>37.9</td>
<td>38.1</td>
<td>38.3</td>
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**Maximum Power Voltage-Vmp (V)**

**Maximum Power Current-Impp (A)**

**Open Circuit Voltage-Voc (V)**

**Short Circuit Current-Isc (A)**

**Module Efficiency-ηm (%)**

| 20.6 | 20.8 | 20.9 | 21.1 | 21.2 | 21.4 |

**MECHANICAL DATA**

| 2384 | 1303 | 35 |
| 55.1 | 51.3 | 1.4 |

**Weight**
38.7 kg (85.3 lb)

**Strengthened Glass**
- 2.0 mm (0.08 inches)
- High Transmission AR Coated

**Frame**
- Anodized Aluminium Alloy
- IP 68 rated

**Connector**
- MC4 EVO2 / TS4 PLUS / TS4**

**PACKAGING CONFIGURATION**
- Modules per box: 31 pieces
- Modules per 40’ container: 465 pieces
- Pallets per 40’ container: 15

**PACKAGING SPECIFICATIONS**
- Trina Solar Technology Cable: 4.0mm² (0.006 inches²), Superior
- www.trinasolar.com

**CAUTION:** READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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