N-Type i-TOPCon

60 LAYOUT MONOCRYSTALLINE MODULE

345-360W POWER OUTPUT RANGE

20.6 % MAXIMUM EFFICIENCY

0~+5W POSITIVE POWER TOLERANCE

High power N Pert
- Up to 360W front power and 20.6% 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
- LID is less than 1%, 1st year degradation less than 1.5%
- Ensured PID resistance through cell process and module material control
- Resistant to salt, acid and ammonia
- Certified to 5400 Pa positive load and 2400 Pa negative load

High energy generation
- Excellent IAM and low light performance validated by 3rd party with cell process and module material optimization
- Lower temp coefficient (-0.36%) and NMOT bring more energy leading to lower LCOE
- Better anti-shading performance and lower operating temperature

Comprehensive Products and System Certificates
IEC61215/IEC61730/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse Gases Emissions Verification
OHSAS 18001: Occupation Health and Safety Management System

Trina standard

Guaranteed Power

98.5%
98.0%
97.5%
97.0%
96.5%

Years
10
20
30
40
50
Trina standard

From the 2nd year to the 25th year, the average annual power decline will be no more than 0.6%.
DIMENSIONS OF PV MODULE (mm)

I-V CURVES OF PV MODULE (350W)

P-V CURVES OF PV MODULE (350W)

ELECTRICAL DATA (STC)

<table>
<thead>
<tr>
<th>Peak Power Watts - PMAX (Wp)*</th>
<th>345</th>
<th>350</th>
<th>355</th>
<th>360</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Output Tolerance - PMAX (W)</td>
<td>0 ~ 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Power Voltage - VMP (V)</td>
<td>34.9</td>
<td>35.2</td>
<td>35.5</td>
<td>35.8</td>
</tr>
<tr>
<td>Maximum Power Current - IMP (A)</td>
<td>9.89</td>
<td>9.95</td>
<td>10.01</td>
<td>10.06</td>
</tr>
<tr>
<td>Open Circuit Voltage - VOC (V)</td>
<td>41.5</td>
<td>41.7</td>
<td>41.9</td>
<td>42.1</td>
</tr>
<tr>
<td>Short Circuit Current - ISC (A)</td>
<td>10.45</td>
<td>10.50</td>
<td>10.55</td>
<td>10.65</td>
</tr>
<tr>
<td>Module Efficiency γ = (%)</td>
<td>19.8</td>
<td>20.1</td>
<td>20.4</td>
<td>20.6</td>
</tr>
</tbody>
</table>

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
*Measuring tolerance: ±3%.

ELECTRICAL DATA (NMOT)

| Maximum Power - PMAX (W) | 261 | 265 | 269 | 272 |
| Maximum Power Voltage - VMP (V) | 32.8 | 33.1 | 33.4 | 33.6 |
| Maximum Power Current - IMP (A) | 7.95 | 8.00 | 8.04 | 8.12 |
| Open Circuit Voltage - VOC (V) | 39.1 | 39.3 | 39.5 | 39.6 |
| Short Circuit Current - ISC (A) | 8.42 | 8.46 | 8.50 | 8.58 |

NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL DATA

Solar Cells: Monocrystalline
Cell Orientation: 120 cells (6 x 20)
Module Dimensions: 1720 x 1014 x 35 mm (67.72 x 39.92 x 1.38 inches)
Weight: 19.1 kg (42.1 lb)
Glass: 3.2 mm (0.13 inches), High Transmissivity, AR Coated Heat Strengthened Glass
Encapsulant Material: EVA
Backsheet: White
Frame: 35 mm (1.38 inches) Anodized Aluminium Alloy
J-Box: IP 68 rated
Cables: Photovoltaic Technology Cable 4.0 mm² (0.006 inches²)
Portrait: N 140 mm/P 855 mm (5.51/11.22 inches)
Landscape: N 1200 mm/P 1200 mm (47.24/47.24 inches)
Connector: T54

TEMPERATURE RATINGS

| NMOT (Nominal Module Operating Temperature) | 41°C (+3°C) |
| Temperature Coefficient of PMAX | -0.36%/°C |
| Temperature Coefficient of VOC | -0.26%/°C |
| Temperature Coefficient of ISC | 0.04%/°C |

(Don’t connect Fuse in Combiner Box with two or more strings in parallel connection)

MAXIMUM RATINGS

| Operational Temperature | -40 ~ +85°C |
| Maximum System Voltage | 1500V DC (IEC) |
| Max Series Fuse Rating | 20A |

WARRANTY

10 year Product Workmanship Warranty
25 year Power Warranty

(Please refer to product warranty for details)

PACKAGING CONFIGURATION

Modules per box: 32 pieces
Modules per 40’ container: 704 pieces