Tiger Mono-facial
450-470 Watt
Tiling Ribbon (TR) Technology
Positive power tolerance of 0~+3%

KEY FEATURES
- TR technology + Half Cell
  TR technology with Half cell aims to eliminate the cell gap to increase module efficiency (mono-facial up to 20.93%)
- Low Light Induced Degradation
  The N-type cell shows extremely low light induced degradation (LID) performance when comparing with the P-type cell.
- 9BB instead of 5BB
  9BB technology decreases the distance between bus bars and finger grid line which is benefit to power increase.
- Higher lifetime Power Yield
  1% first year degradation, 0.4% linear degradation
- Best Warranty
  15 year product warranty, 30 year linear power warranty
- Better low-light performance
  Excellent performance in low-light environments (e.g. early morning, dusk, and cloud, etc.)

LINEAR PERFORMANCE WARRANTY
- N-Type performance warranty
- P-Type performance warranty
- 15 Year Product Warranty     30 Year Linear Power Warranty
- 0.4% Annual Degradation Over 30 years
- 87.4% N-Type
- 83.1% P-Type
- Additional value from Jinko Solar’s linear warranty
  -0.4% 30-year Power Warranty Annual Power Attenuation

- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730 certified product
Packaging Configuration
( Two pallets = One stack )
27pcs/pallets, 54pcs/stack, 540pcs/40'HQ Container

Engineering Drawings

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (465W)

Mechanical Characteristics

Cell Type: N type Mono-crystalline
No. of cells: 156 (2×78)
Dimensions: 2182×1029×40 mm (85.91×40.51×1.57 inch)
Weight: 26.1 kg (57.54 lbs)
Front Glass: 3.2 mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame: Anodized Aluminium Alloy
Junction Box: IP67 Rated
Output Cables: (+) 290 mm, (-) 145 mm or Customized Length

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM450N-7RL3</th>
<th>JKM455N-7RL3</th>
<th>JKM460N-7RL3</th>
<th>JKM465N-7RL3</th>
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<tbody>
<tr>
<td>STC NOCT</td>
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<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>42.90V</td>
<td>39.29V</td>
<td>43.01V</td>
<td>39.40V</td>
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<td>Maximum Power Current (Imp)</td>
<td>10.49A</td>
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<td>Open-circuit Voltage (Voc)</td>
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<td>Module Efficiency STC (%)</td>
<td>20.04%</td>
<td>20.26%</td>
<td>20.49%</td>
<td>20.71%</td>
<td>20.93%</td>
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<td>Operating Temperature(℃)</td>
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<td>Maximum system voltage</td>
<td>1000/1500VDC (IEC)</td>
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<td>Maximum series fuse rating</td>
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<td>Power tolerance</td>
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<td>Temperature coefficients of Voc</td>
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<td>Temperature coefficients of Isc</td>
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<td>Nominal operating cell temperature (NOCT)</td>
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- STC: Solar Irradiance 1000W/m²  Cell Temperature 25℃  AM = 1.5
- NOCT: Solar Irradiance 800W/m²  Ambient Temperature 20℃  AM = 1.5  Wind Speed 1m/s

The company reserves the final right for explanation on any of the information presented hereby. TR JKM450-470N-7RL3-(V)-A1-EN