Tiger Neo N-type
60HL4-(V)
470-490 Watt
MONO-FACIAL MODULE

N-Type
Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)
ISO9001:2015: Quality Management System
ISO14001:2015: Environment Management System
ISO45001:2018: Occupational health and safety management systems

Key Features

**SMBB Technology**
Better light trapping and current collection to improve module power output and reliability.

**PID Resistance**
Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.

**Durability Against Extreme Environmental Conditions**
High salt mist and ammonia resistance.

**Hot 2.0 Technology**
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.

**Enhanced Mechanical Load**
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

**LINEAR PERFORMANCE WARRANTY**

- **12 Year Product Warranty**
- **30 Year Linear Power Warranty**
- **0.40% Annual Degradation Over 30 years**
Engineering Drawings

Electrical Performance & Temperature Dependence

Packaging Configuration

( Two pallets = One stack )
36pcs/pallets, 72pcs/stack, 864pcs/ 40'HQ Container

Specifications

Module Type
<table>
<thead>
<tr>
<th>No. of cells</th>
<th>Dimensions</th>
<th>Weight</th>
<th>Front Glass</th>
<th>Frame</th>
<th>Junction Box</th>
<th>Output Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 - 6×20</td>
<td>1906×1134×30mm</td>
<td>22.5 kg</td>
<td>3.2mm, Anti-Reflection Coating</td>
<td>Anodized Aluminum Alloy</td>
<td>IP68 Rated</td>
<td>TUV 1×4.0mm</td>
</tr>
</tbody>
</table>

Mechanical Characteristics

- **Cell Type**: N type Mono-crystalline
- **Dimensions**: 1906×1134×30mm (74.92×44.65×1.18 inch)
- **Weight**: 22.5 kg (49.60 lbs)
- **Front Glass**: 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
- **Frame**: Anodized Aluminum Alloy
- **Junction Box**: IP68 Rated
- **Output Cables**: TUV 1×4.0mm

Packaging Configuration

- Two pallets = One stack
- 36pcs/pallets, 72pcs/stack, 864pcs/ 40'HQ Container

SPECSIFICATIONS

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM470N-60HL4</th>
<th>JKM470N-60HL4-V</th>
<th>JKM475N-60HL4</th>
<th>JKM475N-60HL4-V</th>
<th>JKM480N-60HL4</th>
<th>JKM480N-60HL4-V</th>
<th>JKM485N-60HL4</th>
<th>JKM485N-60HL4-V</th>
<th>JKM490N-60HL4</th>
<th>JKM490N-60HL4-V</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOCT STC</td>
<td>35.96V 33.21V</td>
<td>35.88V 33.40V</td>
<td>36.06V 33.61V</td>
<td>36.26V 33.84V</td>
<td>36.43V 34.00V</td>
<td>36.60V 34.17V</td>
<td>36.76V 34.34V</td>
<td>36.93V 34.51V</td>
<td>37.10V 34.68V</td>
<td>37.27V 34.85V</td>
</tr>
<tr>
<td>Voc NOCT</td>
<td>43.30V 41.14V</td>
<td>43.45V 41.28V</td>
<td>43.60V 41.42V</td>
<td>43.76V 41.57V</td>
<td>43.91V 41.71V</td>
<td>44.06V 41.86V</td>
<td>44.21V 42.01V</td>
<td>44.36V 42.16V</td>
<td>44.51V 42.31V</td>
<td>44.66V 42.46V</td>
</tr>
<tr>
<td>Efficiency</td>
<td>21.78% 22.01%</td>
<td>22.24% 22.47%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temperature(°C)</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
</tr>
<tr>
<td>Nominal operating cell temperature (NOCT)</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
</tr>
</tbody>
</table>

©2022 Jinko Solar Co., Ltd. All rights reserved.
Specifications included in this datasheet are subject to change without notice.

JKM470-490N-60HL4-(V)-F5-EN