The Heterojunction Technology (HJT) combines high efficiency with a simple design reducing the number of manufacturing steps and achieving an important cost reduction. It combines the advantages of mono crystalline silicon solar cells with the good absorption and the superior passivation characteristics of amorphous silicon leading to a higher efficiency.

**Key Benefits**

THE ADVANCED HETEROJUNCTION TECHNOLOGY

1. Is highly efficient and produces more power per square meter than usual high efficiency cells (20% more efficiency than a typical mono cell).
2. Ensures higher efficiency and delivers higher output even at high temperatures (much lower temperature coefficient compared to a typical mono cell).

SMART WIRE TECHNOLOGY

HJT RECOM modules support the innovative smart wire (SWT) technology, a revolutionary cell wiring process that uses micro-wires instead of the traditional busbars.

**SWT main benefits are:**

- Increase in efficiency by lowering ohmic losses and improved light management
- Low temperature contacting during module lamination
- Enhancement of module reliability
- Improved aesthetics

**Linear Performance Warranty**

![Linear Performance Warranty Chart]
HETEROJUNCTION BIFACIAL MODULE
RCM-xxx-6HJB-GG (xxx=325-340) / RCM-xxx-6HJA-GG (xxx=390-410)

Electrical Characteristics

<table>
<thead>
<tr>
<th>Rated Power</th>
<th>60 Cell Modules</th>
<th>72 Cell Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>325W</td>
<td>330W</td>
<td>335W</td>
</tr>
<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>36.50V</td>
<td>36.80V</td>
</tr>
<tr>
<td>Maximum Power Current (Imp)</td>
<td>8.85A</td>
<td>8.97A</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>44.30V</td>
<td>44.50V</td>
</tr>
<tr>
<td>Module Efficiency</td>
<td>19.10%</td>
<td>19.13%</td>
</tr>
</tbody>
</table>

Maximum System Voltage

1.500 V DC

Tested at Standard Test Conditions. Measurement tolerances: ± 3%

*Bifacial Gain: An energy gain of 20% can be achieved from the back side compared to the front side at the standard test conditions, depending on the installation conditions.

HJT Cell Structure

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