KEY FEATURES

5 Busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.

- Module efficiency up to 17.00% achieved through advanced cell technology and manufacturing capabilities.

- Positive tolerance of up to 3% delivers higher output reliability.

- Heavy snow load up to 5400 Pa. Wind load upto 2400Pa.

- 100% In-House automatic manufacturing.

- Our high-transmission glass features a unique anti-reflective coating that directs more light on the solar cells, resulting in a higher energy yield.

- Certified for PID free modules.

- First choice for millions of banks and investors, this size is well-suited for almost all PV applications.

- Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.

IEC61215, IEC61730, IEC62804(PID), IEC61701, IEC62716, IEC61853 certified products
**Electrical Parameters at Standard Test Conditions STC & NOCT**

<table>
<thead>
<tr>
<th>Model Type</th>
<th>LE18P260</th>
<th>LE18P265</th>
<th>LE18P270</th>
<th>LE18P275</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Output Pmax (W)</td>
<td>260</td>
<td>265</td>
<td>270</td>
<td>275</td>
</tr>
<tr>
<td>Voltage at Pmax V mpp (V)</td>
<td>31.01</td>
<td>31.44</td>
<td>31.85</td>
<td>32.2</td>
</tr>
<tr>
<td>Current at Pmax I mpp (I)</td>
<td>8.41</td>
<td>8.45</td>
<td>8.5</td>
<td>8.57</td>
</tr>
<tr>
<td>Open-circuit Voltage VOC (V)</td>
<td>37.42</td>
<td>37.76</td>
<td>37.92</td>
<td>38.19</td>
</tr>
<tr>
<td>Short-circuit Current ISC (I)</td>
<td>8.88</td>
<td>8.92</td>
<td>8.98</td>
<td>9.03</td>
</tr>
<tr>
<td>Module Efficiency (%)</td>
<td>16.00</td>
<td>16.29</td>
<td>16.60</td>
<td>16.91</td>
</tr>
</tbody>
</table>

**Thermal Characteristics**

<table>
<thead>
<tr>
<th>Nominal Operating Cell Temperature</th>
<th>NOCT</th>
<th>°C</th>
<th>45°C ± 2°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Coefficient of Pmax γ</td>
<td></td>
<td></td>
<td>-0.361</td>
</tr>
<tr>
<td>Temperature Coefficient of VOC β</td>
<td></td>
<td></td>
<td>-0.304</td>
</tr>
<tr>
<td>Temperature Coefficient of ISC α</td>
<td></td>
<td></td>
<td>0.05</td>
</tr>
</tbody>
</table>

**Operating Conditions**

- Max. System Voltage: 1500Vdc
- Max. Series Fuse Rating: 15A
- Limiting Reverse Current: 25A
- Operating Temperature Range: -40°C to +85°C
- Max. Static Load, Front: 5400Pa
- Max. Static Load, Back (e.g., wind): 2400Pa
- Max. Hailstone Impact (diameter / velocity): 25mm / 23.3 m/s

**Mechanical Data**

- Dimensions (L / W / H): 1641mm / 991mm / 35mm
- Weight: 18.3kg
- Front Cover (material / thickness): AR coated high transmission low iron tempered glass / 3.2 mm
- Cell (qty. / material / dim./no. of busbars): 60 / Multicrystalline silicon / 156.75mm x 156.75mm / 5BB
- Encapsulate (material): Ethylene vinyl acetate (EVA)
- Backsheet: UV Protected
- Frame (material / color): Anodized aluminum alloy / silver
- Junction Box (protection degree): IP68, 3 bypass diodes
- Cable (length / cross-sectional area): 1200mm / 4mm²
- Plug Connector (type / protection degree): MC4 / IP68

**Packaging Specifications**

- Number of Modules Per Pallet: 30
- Number of Pallets per 40’ Container: 28
- Packaging Box Dimensions (L / W / H): 1685mm / 1115mm / 1150mm
- Box Weight: 600kg

**Linear Performance Warranty**

- 90% of the specified minimum output of the module for a 10 years period
- 80% of the specified minimum output of the module for a 25 years period
- 10-year product warranty
- 25-year linear performance warranty