 Tested 3 times above IEC standard
Because standards are there to be surpassed.

99% relative efficiency at weak-light
Because a 3% increase in yield makes a big difference.

Protection against the weather and the elements
Because long term performance matters.

Designed for fire safety
Because plant fires mean more than financial losses alone.

We’ve thought of everything
Because you want to enjoy your solar investment worry-free.

Full plant protection for up to 10 years
Because it’s good to know that provisions are in place.

Product guarantee for up to 10 years
Linear 25-year performance guarantee
Positive tolerances 0/+5 Wp
**Mechanical data**

Cell: Polycrystalline 156 x 156 mm silicon cells  
Quantity and wiring of cells: 60 in series  
Dimensions: 1,665 x 999 x 35 mm (65.5 x 39.3 x 1.4 in)  
Weight: 19.0 kg (41.9 lbs)  
Glass thickness: 3.2 mm (0.13 in)  
Frame: Silver/black anodised aluminium  
Junction box: IP 65  
Connector type: QC Solar / QC4 (IP67); Multi-contact / MC4 (IP67); Tyco / PV4 (IP67)

**Operating conditions**

Operating temperature: −40 °C to +85 °C  
Maximum system voltage IEC/UL: 1,000 V/1,000 V  
Maximum reverse current: 15 A  
Maximum load: 5,400 Pa  
Nominal operating cell temperature NOCT: 45 °C ±3 °C  
Temperature coefficient of $P_{\text{max}}$: −0.43 %/°C  
Temperature coefficient of $V_{\text{oc}}$: −0.33 %/°C  
Temperature coefficient of $I_{\text{sc}}$: 0.05 %/°C

**Electrical data (STC)**

<table>
<thead>
<tr>
<th>WST-250P6</th>
<th>WST-255P6</th>
<th>WST-260P6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal performance $P_{\text{max}}$</td>
<td>250</td>
<td>255</td>
</tr>
<tr>
<td>Voltage at maximum performance $V_{\text{mp}}$</td>
<td>30.7</td>
<td>31.0</td>
</tr>
<tr>
<td>Current at maximum performance $I_{\text{mp}}$</td>
<td>8.15</td>
<td>8.24</td>
</tr>
<tr>
<td>Open circuit voltage $V_{\text{oc}}$</td>
<td>37.5</td>
<td>37.7</td>
</tr>
<tr>
<td>Short circuit current $I_{\text{sc}}$</td>
<td>8.53</td>
<td>8.60</td>
</tr>
<tr>
<td>Module efficiency</td>
<td>15.1</td>
<td>15.4</td>
</tr>
</tbody>
</table>

Reduction in the module efficiency rating from 1,000 W/m² to 200 W/m²: < 4 %. The electrical data applies under standard test conditions (STC): solar radiation 1,000 W/m² with light spectrum AM 1.5, with cell temperature 25 °C. Measurement tolerance of $P_{\text{max}}$ at STC: ±3 %. Accuracy of other electrical data: ±10 %.

**Electrical data (NOCT)**

<table>
<thead>
<tr>
<th>WST-250P6</th>
<th>WST-255P6</th>
<th>WST-260P6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal performance $P_{\text{max}}$</td>
<td>183</td>
<td>187</td>
</tr>
<tr>
<td>Voltage at maximum performance $V_{\text{mp}}$</td>
<td>27.8</td>
<td>28.0</td>
</tr>
<tr>
<td>Current at maximum performance $I_{\text{mp}}$</td>
<td>6.6</td>
<td>6.69</td>
</tr>
<tr>
<td>Open circuit voltage $V_{\text{oc}}$</td>
<td>34.1</td>
<td>34.3</td>
</tr>
<tr>
<td>Short circuit current $I_{\text{sc}}$</td>
<td>7.05</td>
<td>7.11</td>
</tr>
</tbody>
</table>

The electrical data applies under normal operating cell temperature (NOCT): solar radiation 800 W/m², AM 1.5, air temperature 20 °C, wind speed 1 m/s.

**Certifications**

IEC 61215, IEC 61730-1/-2, UL 1703 Ed. 3, MCS, JET, CE, WEEE

**Good to know**

This frame type, produced fully from aluminium, guarantees the maximum in stability and protection against material fatigue. The inside corner elements provide for greater torsional stiffness and waterproofing in the critical corner areas where the material is at its weakest and guarantee the best possible transfer of tension between the individual frame sections.