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

Exceeds the IEC standard 3 times over
Because standards are there to be surpassed.

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

25 year linear performance guarantee
10 year product warranty.

2 years of free insurance included
Because you never know what tomorrow might bring.

15.9 % EFFICIENCY

UP TO 265 W

60 CELLS
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 (65.55 x 39.33 x 1.38 in)
- **Weight**: 19.0 kg (41.9 lbs)
- **Glass thickness**: 3.2 mm (0.13 in)
- **Frame**: Silver anodised aluminium
- **Junction box**: IP 67
- **Connector type**: MC4 (PV-KBT4/PV-KST4) IP68; QC4.10 IP67
- **Module fire performance**: Type 1

Operating conditions

- **Operating temperature**: -40°C to +85°C
- **Maximum system voltage IEC/UL**: 1,000V/1,000V
- **Maximum series fuse**: 25 A
- **Maximum load**: 5,400 Pa
- **Nominal operating cell temperature NOCT**: 45°C ±3°C
- **Temperature coefficient of P<sub>max</sub>**: -0.43 %/°C
- **Temperature coefficient of V<sub>oc</sub>**: -0.33 %/°C
- **Temperature coefficient of I<sub>sc</sub>**: 0.06 %/°C

Certifications

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

### Electrical data (STC)

<table>
<thead>
<tr>
<th></th>
<th>WST-250P6</th>
<th>WST-255P6</th>
<th>WST-260P6</th>
<th>WST-265P6</th>
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</thead>
<tbody>
<tr>
<td>Nominal performance P&lt;sub&gt;max&lt;/sub&gt;</td>
<td>250</td>
<td>255</td>
<td>260</td>
<td>265</td>
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<tr>
<td>Voltage at maximum performance V&lt;sub&gt;mp&lt;/sub&gt;</td>
<td>30.7</td>
<td>31.0</td>
<td>31.3</td>
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<tr>
<td>Current at maximum performance I&lt;sub&gt;mp&lt;/sub&gt;</td>
<td>8.15</td>
<td>8.24</td>
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<tr>
<td>Open circuit voltage V&lt;sub&gt;oc&lt;/sub&gt;</td>
<td>37.5</td>
<td>37.7</td>
<td>37.9</td>
<td>38.1</td>
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<tr>
<td>Short circuit current I&lt;sub&gt;sc&lt;/sub&gt;</td>
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<td>8.60</td>
<td>8.67</td>
<td>9.21</td>
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<tr>
<td>Module efficiency</td>
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<td>15.3</td>
<td>15.6</td>
<td>15.9</td>
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<tr>
<td>Power tolerance</td>
<td>-0/+5</td>
<td>-0/+5</td>
<td>-0/+5</td>
<td>-0/+5</td>
</tr>
</tbody>
</table>

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

Accuracy of other electrical data: ±10%.

### Electrical data (NOCT)

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<th>WST-265P6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal performance P&lt;sub&gt;max&lt;/sub&gt;</td>
<td>183</td>
<td>187</td>
<td>190</td>
<td>194</td>
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<tr>
<td>Voltage at maximum performance V&lt;sub&gt;mp&lt;/sub&gt;</td>
<td>27.7</td>
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<td>Current at maximum performance I&lt;sub&gt;mp&lt;/sub&gt;</td>
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<td>34.5</td>
<td>34.7</td>
<td>34.8</td>
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<tr>
<td>Short circuit current I&lt;sub&gt;sc&lt;/sub&gt;</td>
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<td>7.03</td>
<td>7.09</td>
<td>7.53</td>
</tr>
</tbody>
</table>

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