The new high-performance module Q.PLUS-G4.3 is the ideal solution for all applications thanks to its innovative cell technology Q.ANTUM. The world-record cell design was developed to achieve the best performance under real conditions – even with low radiation intensity and on clear, hot summer days.

**Q.ANTUM TECHNOLOGY: LOW LEVELIZED COST OF ELECTRICITY**
Higher yield per surface area and lower BOS costs and higher power classes and an efficiency rate of up to 17.1%.

**INNOVATIVE ALL-WEATHER TECHNOLOGY**
Optimal yields, whatever the weather with excellent low-light and temperature behaviour.

**ENDURING HIGH PERFORMANCE**
Long-term yield security with Anti-PID Technology¹, Hot-Spot Protect and Traceable Quality Tra.Q™.

**EXTREME WEATHER RATING**
High-tech aluminium alloy frame, certified for high snow (5400 Pa) and wind loads (4000 Pa).

**MAXIMUM COST REDUCTIONS**
Up to 10% lower logistics costs due to higher module capacity per box.

**A RELIABLE INVESTMENT**
Inclusive 12-year product warranty and 25-year linear performance warranty².

**THE IDEAL SOLUTION FOR:**
- Rooftop arrays on commercial/industrial buildings
- Rooftop arrays on residential buildings
- Ground-mounted solar power plants

Engineered in Germany
MECHANICAL SPECIFICATION

Format 1670 mm × 1000 mm × 32 mm (including frame)
Weight 18.8 kg
Front Cover 3.2 mm thermally pre-stressed glass with anti-reflection technology
Back Cover Anodised aluminium
Cell 6 × 10 Q.ANTUM solar cells
Junction box 66-77 mm × 115-90 mm × 15-19 mm
Protection class IP67, with bypass diodes
Cable 4 mm² Solar cable; (+) 1000 mm, (-) 1000 mm
Connector IP67 or IP68

QUALIFICATIONS AND CERTIFICATES PARTNER

Q CELLS PERFORMANCE WARRANTY

TEMPERATURE COEFFICIENTS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Coefficient of $I_{SC}$</td>
<td>$\alpha$ (%/K)</td>
</tr>
<tr>
<td>Temperature Coefficient of $V_{OC}$</td>
<td>$\beta$ (%/K)</td>
</tr>
<tr>
<td>Normal Operating Cell Temperature</td>
<td>NOCT (°C)</td>
</tr>
</tbody>
</table>

PROPERTIES FOR SYSTEM DESIGN

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum System Voltage</td>
<td>$V_{max}$ (V)</td>
</tr>
<tr>
<td>Maximum Reverse Current</td>
<td>$I_r$ (A)</td>
</tr>
<tr>
<td>Wind/Snow Load</td>
<td>$[Pa]$</td>
</tr>
</tbody>
</table>

QUALIFICATIONS AND CERTIFICATES

VDE Quality Tested, IEC 61215 (Ed. 2); IEC 61730 (Ed. 1), Application class A

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NOTE: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.