• Simple roof integration with clean, low-profile aesthetic for new build and retrofit

• Rapid installation times of less than 1 hour/kWp easily achieved

• Compatible with the widest range of slate and tile including special fixings for Scottish slate roofs

• Fitted during the normal roofing programme, enabling clarity of responsibility and safe working practices

• Achieves highest fire rating and wind resistance without modifications to the roof

**Electrical Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>PV16-260P</th>
<th>250</th>
<th>270</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Power $^2$ (Wp)</td>
<td>260</td>
<td>250</td>
<td>270</td>
</tr>
<tr>
<td>Module Efficiency $^3$ (%)</td>
<td>16.6</td>
<td>16.0</td>
<td>17.3</td>
</tr>
<tr>
<td>Number of Cells</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>Maximum Power Voltage (Vmp) (V)</td>
<td>30.0</td>
<td>30.4</td>
<td>31.7</td>
</tr>
<tr>
<td>Maximum Power Current (Imp) (A)</td>
<td>8.7</td>
<td>8.2</td>
<td>8.5</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc) (V)</td>
<td>37.8</td>
<td>38.0</td>
<td>38.4</td>
</tr>
<tr>
<td>Short Circuit Current (Isc) (A)</td>
<td>9.0</td>
<td>8.7</td>
<td>9.0</td>
</tr>
<tr>
<td>NOCT $^4$ (°C)</td>
<td>43.4</td>
<td>45.0</td>
<td></td>
</tr>
<tr>
<td>Cell Type (-crystalline Silicon)</td>
<td>Poly-</td>
<td>Mono-</td>
<td></td>
</tr>
<tr>
<td>Power Temperature Coefficient (%/°C)</td>
<td>-0.403</td>
<td>-0.450</td>
<td></td>
</tr>
<tr>
<td>Current Temperature Coefficient (%/°C)</td>
<td>0.054</td>
<td>0.060</td>
<td></td>
</tr>
<tr>
<td>Voltage Temperature Coefficient (%/°C)</td>
<td>-0.296</td>
<td>-0.340</td>
<td></td>
</tr>
<tr>
<td>Maximum System Voltage (Vdc)</td>
<td>1,000</td>
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<td></td>
</tr>
<tr>
<td>Safety Classification</td>
<td>Class II</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Design resistance to ultimate loads includes a partial material safety factor of 1.0
2. Subject to a manufacturing tolerance of ±0/+3%.
3. Based on aperture area.
4. Nominal Operating Cell Temperature

Electrical specification measured under standard test conditions: Irradiation 1 kW/m² with light spectrum AM 1.5 and a cell temperature of 25°C.

Clearline PV solar panels have been thoroughly tested, not only as energy generating equipment, but also as a building component.

**I-V Curves**

1. Design resistance to ultimate loads includes a partial material safety factor of 1.0
2. Subject to a manufacturing tolerance of ±0/+3%.
3. Based on aperture area.
4. Nominal Operating Cell Temperature

Electrical specification measured under standard test conditions: Irradiation 1 kW/m² with light spectrum AM 1.5 and a cell temperature of 25°C.
Pitched Roof Integration

Sleek, low-profile integrated solar that replaces the roof covering for an improved aesthetic and for simple roof maintenance, now at similar cost to above-roof panels. Simple, beautiful, durable.

Solar never looked so good.

\[ x = 260 + (m \times 992) + ((m-1) \times 30) \]
\[ y = 505 + (n \times 1640) + ((n-1) \times 5) \]