Founded in 2010 and owned by Enel Green Power, this Italian PV factory is the largest in Europe. It’s fully committed to the production of photovoltaic modules and its mission is to support the Group with these resources to get clean, renewable energy to finally build a greener world.

**KEY FEATURES**

- **High efficiency:** up to 18.2% of module efficiency.
- **Double glass frameless bifacial structure:** up to +25% of energy production gain.
- **Designed for high voltage systems up to 1500 VDC.**
- **High durability against harsh environment conditions.**
- **Higher lifetime power yield:**
  - Superior Warranty: 30 years performance
  - 0.45% linear power degradation.
- **Designed to be PID free.**
- **Module made with LID free n-type cells.**
- **Static load:** tested up to 5400Pa front and 2400Pa rear.

**Warranty:**

- 98% warranty for the first year
- Product Warranty 12 years
- Linear Performance Warranty 30 years

**Extended 12y warranty**

**30y of performance warranty**
**3S DUAL 72N**

**GENERAL CHARACTERISTICS**

- **Number, type and arrangement of Cells**: Mono-crystalline, n-type PERT, 72pcs in series (6x12)
- **Cell Size**: 156.75 mm x 156.75 mm
- **Pm Temperature Coefficient**: -0.38 %/°C
- **Isc Temperature Coefficient**: 0.048 %/°C
- **Voc Temperature Coefficient**: -0.30 %/°C
- **NOCT-Nominal Operating Cell Temperature**: 44± 2 °C
- **Test Condition**: STC:AM=1.5, 1000W/m², Cells Temperature 25°C
- **Operating Temperature**: -40 to +85 °C
- **Storage Temperature**: -20 to +50 °C

**BIFACIAL PERFORMANCES**

<table>
<thead>
<tr>
<th>Module Type</th>
<th>3SBA335A</th>
<th>3SBA340A</th>
<th>3SBA345A</th>
<th>3SBA350A</th>
<th>3SBA355A</th>
<th>3SBA360A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max-Power</td>
<td>Pm (W)</td>
<td>335</td>
<td>340</td>
<td>345</td>
<td>350</td>
<td>355</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>W</td>
<td>0 to 5</td>
<td>0 to 5</td>
<td>0 to 5</td>
<td>0 to 5</td>
<td>0 to 5</td>
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<tr>
<td>Max-Power Voltage</td>
<td>Vm(V)</td>
<td>38.9</td>
<td>39.1</td>
<td>39.3</td>
<td>39.5</td>
<td>39.7</td>
</tr>
<tr>
<td>Max-Power Current</td>
<td>Im(A)</td>
<td>8.61</td>
<td>8.70</td>
<td>8.78</td>
<td>8.87</td>
<td>8.95</td>
</tr>
<tr>
<td>Open-Circuit Voltage</td>
<td>Voc(V)</td>
<td>47.3</td>
<td>47.6</td>
<td>47.9</td>
<td>48.2</td>
<td>48.5</td>
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<tr>
<td>Short-Circuit Current</td>
<td>Isc(A)</td>
<td>9.00</td>
<td>9.10</td>
<td>9.18</td>
<td>9.26</td>
<td>9.35</td>
</tr>
<tr>
<td>Max-System Voltage</td>
<td>VDC(V)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Module Efficiency</td>
<td>%</td>
<td>16.9%</td>
<td>17.2%</td>
<td>17.4%</td>
<td>17.7%</td>
<td>17.9%</td>
</tr>
<tr>
<td>Bifacility factor</td>
<td>%</td>
<td>≥85%</td>
<td>≥85%</td>
<td>≥85%</td>
<td>≥85%</td>
<td>≥85%</td>
</tr>
</tbody>
</table>

**MECHANICAL CHARACTERISTICS**

- **Output Cable Diameter**: 4 mm² (not supplied with module)
- **Type of Connector**: MC4 alternative
- **Junction Boxes (bifacial version)**: IP67, three diodes
- **Max. Series Fuse (3)**: 15 A
- **Dimensions A x B x C**: 1983 x 998 x 7,5 mm (30 with J-BOX)
- **Weight**: 33 kg
- **Front Glass, Type and Thickness**: AR coated, High Transmission, Low Iron, Tempered, 3mm
- **Back Glass, Type and Thickness**: High Transmission, Low Iron, Tempered, 3mm
- **Packing Configuration**: 26 pcs/carton
- **Quantity/Pallet**: 2 cartons/pallet
- **Modules/Container**: 572 pcs/40ft(H), 286 pcs/20ft

**TYPICAL PERFORMANCES AT STC**

- **Module Performances at STC**
- **Module Efficiency**: ≥85%

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