Austrian quality, which convinces
+ High efficiency solar cells from own production plant
+ Low performance tolerances of +/- 3 %
+ Stable aluminium frame with hole drilling against frost damages
+ Solar glass 4 mm ESG with anti-reflex coating for highest energy output
+ Tyco junction-box IP65 with solarlock-system
+ Snow load up to 540 kg/m²
+ Wind speed checked up to 135 km/h
+ hail resistant to 28 mm diameter
+ Certified according to IEC 61215 Ed. 2 from Arsenal Vienna
+ Safety class II 1000V from TGM Vienna
+ Performance warranty 10 years 90 % and 25 years 80 % (of Pmin)
+ 5 years product warranty
+ Made in Austria, 100% creation of value from Austria

Solar module PVT-1xxAE-C36
with polycrystalline power cells 156 x 156 mm

Technical Data:
- Solar cells: polycrystalline, 156 x 156 mm, 36 pcs.
- Front side: 4 mm ESG, low iron
- Encapsulation: EVA
- Back side: Tedlar white
- Frame: Aluminium anodized, rope pressed
- Measurements frame: 1.471 x 666 x 35 mm
- Measurements laminate: 1.465 x 660 x 5,4 mm
- Connection: Tyco-juncationbox IP65
- Diodes: 2 pcs. Bypass diodes
- Cable: Tyco Solarable 4 mm²
- Cables length: 1200 mm, optional 1800 mm
- Output terminal: Tyco Solarlok
- Module weight: 12,7 kg
- System voltage: max. 1000 V
- Certificate: safety class II 1000V, IEC61215 Ed.2, CE
- Product warranty: 5 years
- Performance warranty: 10 years 90 %, 25 years 80 % (of Pmin)*)

Electrical Data:

<table>
<thead>
<tr>
<th>Modultype</th>
<th>Pmpp</th>
<th>Vmpp</th>
<th>Impp</th>
<th>Voc</th>
<th>Isc</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVT-1xxAE-C36</td>
<td>105 Wp</td>
<td>18,00 V</td>
<td>5,90 A</td>
<td>21,40 V</td>
<td>6,70 A</td>
</tr>
<tr>
<td>PVT-1xxAE-C36</td>
<td>110 Wp</td>
<td>18,10 V</td>
<td>6,20 A</td>
<td>21,50 V</td>
<td>6,90 A</td>
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<tr>
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<td>115 Wp</td>
<td>18,20 V</td>
<td>6,40 A</td>
<td>21,60 V</td>
<td>7,10 A</td>
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<td>18,30 V</td>
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<tr>
<td>PVT-1xxAE-C36</td>
<td>125 Wp</td>
<td>18,40 V</td>
<td>6,80 A</td>
<td>21,80 V</td>
<td>7,50 A</td>
</tr>
</tbody>
</table>

The nominal Power is subject to a production tolerance of +/- 3 %. All electrical individuals values +/- 10 %.
Every module is subjected to a visual, mechanical and electrical quality test before delivery.

Subject to technical changes, fault and mistakes change without notice. Current state: 01/2014
More informations about our guarantee regulations please find in our current guarantee documents.
*) refers to the minimal performance Pmin (- 3% of Pmpp)