SOLAR MODULE
Silicon Thin-film

Kaneka K60 same as GSA-60

Quality
- IEC 61646 tested and certified
- Safety class II for 530 V system voltage (projected)

Guarantee
- 25 years power warranty (80%)*
- 12 years power warranty (90%)*
- 5 years product guarantee*

High performance
- Power tolerance +10%... -5%
- Higher yield on plant due to higher power output on delivery
- High yields even at high module temperatures

Ecological advantage
- Extremely low consumption on material ⇒ energy payback time less than 2 years

Design
- Homogeneous colouring of frame and module surface ⇒ high-class, harmonic appearance
Your advantages at a glance

- power tolerance +10%...-5%
- IEC 61646 tested and certified
- safety class II for system voltage up to 530 V (projected)
- power warranty 25 years (80%), 12 years (90%)*
- product guarantee 5 years*
- higher yield on plant due to higher power output on delivery
- high yields even at high module temperatures
- ecological advantage – extremely low consumption on material – energy payback time less than 2 years
- delivered ready for connection with cable and Multi-Contact plug-in connectors
- integrated bypass diodes
- 100% end control

Technical data

<table>
<thead>
<tr>
<th></th>
<th>Stabilised values</th>
<th>Initial values</th>
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</thead>
<tbody>
<tr>
<td>Nominal peak power (Wp)</td>
<td>60,0</td>
<td>79,0</td>
</tr>
<tr>
<td>Guaranteed minimum power (Wp)</td>
<td>57,0</td>
<td>75,05</td>
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<tr>
<td>Nominal voltage (V)</td>
<td>67,0</td>
<td>74,0</td>
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<tr>
<td>Nominal current (A)</td>
<td>0,90</td>
<td>1,04</td>
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<tr>
<td>Open-circuit voltage (V)</td>
<td>92,0</td>
<td>96,0</td>
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<tr>
<td>Short-circuit current (A)</td>
<td>1,19</td>
<td>1,22</td>
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<tr>
<td>Maximum system voltage (V)</td>
<td>530</td>
<td></td>
</tr>
<tr>
<td>Length (mm)</td>
<td>960</td>
<td></td>
</tr>
<tr>
<td>Width (mm)</td>
<td>990</td>
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</tr>
<tr>
<td>Height (mm)</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>14</td>
<td></td>
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<tr>
<td>Assembly holes Ø 8 mm (pieces)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Electrical values under standard test conditions 1000 W/m²; 25°C; AM1.5.

Electrical power values +10%...-5%.
Other electrical values ±10%.

(*) The complete and individual valid guarantee conditions are relevant, which will be handed out by your IBC-representative on request.

Attention:
The laser lines have to be installed with at least 10° inclination. Please observe the installation instructions.

Subject to modifications that represent progress.