

# Manufacturers Declaration Dazzle Effect



**The materials used by Solarwatt ensure that the solar cell converts the highest possible percentage of the incident light into electrical power. For this reason, the front panes consist only of glass with a very high transmission factor and therefore minimum reflection. The transmission factor of solar glass has a typical value of 90-96%, so that the maximum reflection and scatter losses for the incident light are only 4-10%.**

Heavy reflections only occur with a very steep angle ( $>50^\circ$ ). The textured surface of the glass on the front results only in diffuse reflection, which is perceived as a brightening of the module surface at a distance of 20 m; not as dazzle. The anti-reflective glass used by Solarwatt provides significantly improved light transmission, particularly under less than optimal solar radiation conditions during the morning and evening hours. As a result the yield and thus the efficiency of the modules are increased.

The company

Solarwatt GmbH  
Maria-Reiche-Straße 2a  
01109 Dresden

hereby confirms that the components used for the modules

- **SOLARWATT Panel vision H/ GM**
- **SOLARWATT Panel vision AM**
- **Vision 60M construct**
- **SOLARWATT Panel classic AM**
- **SOLARWATT Panel classic P/ AL**

do not cause disturbing glares and are thus problem-free with use in residential areas or near airports or motorways.

## **Name and address of the manufacturer:**

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## **Note:**

Residue leaving spots due to the production process is completely removed in a cleaning procedure prior to the commissioning of the modules. However, since the perceptibility of spots and streaks varies greatly depending on the illumination of the module and the incidence of light, there still may be visible residue on delivered modules in individual cases. This has no effect on the performance, durability, or the technical properties of the product.

With the closed surface of the ant-reflective solar glass, the residue can be removed with water, isopropanol, or ethanol. However, after a few weeks, rain will completely remove any traces. The residue will not have any permanent effect on the glass surface.

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