

Certificate

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Report No.: 21238862.001

Manufacturer:
Endeas Oy
Ruukinkuja 1
02330 Espoo
Finland

Product:
Turn-key Solar Simulator System
Type:
QuickSun 550CE

Basis:

- TÜV Specification QMA 2.584.02**
"Classification of Turn-key Solar Simulator Systems for PV Module Measurements"
- Regular Surveillance**
To ensure a constant quality, periodic inspections are carried out.



IEC 60904-9
Regular
Surveillance

www.tuv.com
ID 0000055898

Remarks:

The system was found to comply with Class **A+/A+/A+** for an irradiance range of **600 W/m² to 1200 W/m²** as specified in the report. The system was found to comply with Class **A/A/A+** for an irradiance range of **200 W/m² to 500 W/m²** as specified in the report. Class A+ is twice as good as class A requirements of test standard IEC 60904-9 Edition 2.

Class A+ or Class A requirements are met for

- Spectral match
- Non-uniformity of irradiance
- Long-term temporal instability LTI

for the settings specified in the report. In addition, short-term temporal instability STI was classified as Class A.

Conditions:

The product test is voluntary and has been done in accordance with the valid technical regulations. Any change concerning the design, materials, components or production may require the repetition of single or all qualification tests in order to sustain the qualification (certificate).

The certificate has a validity of 5 years counting from date of issue.

Solar Energy



Dipl.-Ing. M. Adrian

Cologne, 28 March 2017