

# Certificate

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Report No.: 21202596-02

**License Holder:****KANEKA Corporation**

3-2-4, Nakanoshima, Kita-Ku  
Osaka 530-8288  
Japan

**Product:****PV Modules**

Type: **GEA201, GEA211,  
GJA201, GJA211,  
GPA201, GPA211**

**Manufacturing plant:**

KANEKA SOLARTECH Corporation  
668-0831 Kamiyoshidai Toyooka Hyogo  
Japan

**Basis:**

**TÜV Spec TZE/2.572.09**  
"Safety Class II Test on  
Photovoltaic (PV) Modules"

**Factory Inspection**  
To document the consistent quality of  
the product factory inspections are  
performed periodically.



- Qualified, IEC 61646
- Safety tested,  
TUV-Spec 931/2.572.9
- Periodic Inspection

**Remarks:**

The above mentioned PV modules may be used in PV plants at a total voltage (maximum system voltage) of up to **530 VDC**.  
The module types were developed on the basis of the module types CEA/CJA/CPA201/211.

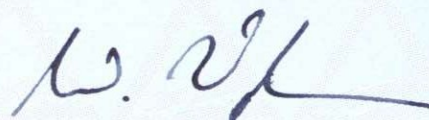
Differences: - bigger size  
- different electrical rating

Further the above mentioned module types are qualified for two mounting techniques:  
- module mounting by frame, using predrilled holes  
- mounting by use of IBC clamping system

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certificate is only valid in conjunction with proof of the suitability of the modules in accordance with IEC 61646 (or similar procedure).

**The certificate has a validity of 5 years counting from the date of issue, provided that the testing basis remains unchanged.**

**Renewable Energies**

Dipl.-Ing. W. Vaaßen

Cologne, 01. October 2004