



CERTIFICATE

EC-Type examination certificate 7001-13

Manufacturer : Shenzhen Kaifa Technology Co., Ltd.
Contact person : Mr. Zhiqiang Xia
Address : 7006 Caitian Road Futian District
Postal code, Place : Shenzhen
Country : China

Production site : Shenzhen Kaifa Technology Co., Ltd.
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Postal code, Place : Shenzhen
Country : China

Instrument : Electronic single-phase two-wire energy meter
Direct connected

Mark - Type : MA109
Register : LCD
Accuracy Class : 1 / B (Wh) / 2 (varh)
Measurement range : 127 - 230 V
5(80) A
50 Hz
2000 imp./kWh

Temperature range : -25..55 °C
Use : Indoor
Protection Class : II
Environmental class : M1, E1
Registry method : Bi-directional method separate registers: received- and delivered energy of the whole connection is added in separate registers

The energy meter meets the requirements of Directive 2004/22/EC of the European parliament and the council of 31 March 2004 on measuring instruments.

Certification was based on compliance with the following harmonised standards:


EN 50470-1 (2006) : Electricity metering equipment (a.c.)-part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C)
EN 50470-3 (2006) : Electricity metering equipment (a.c.)-part 3: Particular requirements - Static meters for active energy (class indexes A, B and C)

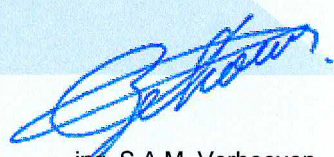
Valid until : 18 July 2023

Based on a non-recurrent examination.

The results are recorded in the following annex: test report 72141022-TIC 7001-13.

KEMA Nederland B.V. - Calibration & Metering
Arnhem, 18 July 2013


ir. B.J. Kaptein
Certification manager
Notified body number 2290


ing. S.A.M. Verhoeven
Business Line Director Testing, Inspections & Certification

The investigation reported here does not confer any right to use an approbation mark granted by DNV KEMA.

Integral publication of this certificate and adjoining reports is allowed.
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