

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1074-19
Manufacturer	Shenzhen Kaifa Technology (Chengdu) Co., Ltd.
Contact person	Ms. Sona Qin
Address	No. 99 Tianquan Rd., Hi-Tech Development Zone
Postal code, City	Chengdu
Country	China
Production site	Shenzhen Kaifa Technology (Chengdu) Co., Ltd.
Address	No. 99 Tianquan Rd., Hi-Tech Development Zone
Postal code, City	Chengdu
Country	China
Instrument	Electronic three-phase four-wire energy meter. Transformer connected
Mark - Type	MA309MT4LAT and MA309MT4LAT2
Register	LCD
Accuracy Class	Active: C
Measurement range	MA309MT4LAT: 3*230/400 V, 0,05 – 5(6) A, 50Hz active: 10000 imp./kWh MA309MT4LAT2: 3*58/100 V....3*240/415 V 0,01 – 1(6) A and 0,05 – 5(6) A, 50Hz active: 10000/12000/20000/40000/64000 imp./kWh (configurable)
Temperature range	-40 .. 70 °C
Use	Indoor, not sensitive to phase sequence
Protection Class	II
Environmental class	M1, M2, E1 and E2
Registry method	Bi-directional method separate registers: received- and delivered energy of the whole connection is added in separate registers

The energy meters meet the requirements of Directive 2014/32/EU, on the harmonisation of the laws of Member States relating to the making available on the market of measuring instruments (recast).

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 October 31, 2033

Based on a non-recurrent examination.

Revision 16 of this certificate. The results are recorded in the following annex: test report 1631-23 R1.

Issued by KEMA B.V.



Alessandro Bertani
Director,
Services & Smart Technologies

Arnhem, October 31, 2023