

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1568-20
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 single phase two-wire energy meter. Direct connected
Mark - Type	MB103
Register	LCD
Accuracy Class	Active: B - 2000 imp./kWh
Measurement range	0,25..5(80) A 230 V 50 Hz
Temperature range	-40 .. 70 °C
Use	Indoor
Protection Class	II
Environmental class	M1, M2, E1 and E2
Registry method	Programmable, the meters are delivered as: Bi-directional method separate registers: received- and delivered energy 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	May 10, 2032

Based on a non-recurrent examination.

Revision 4 of this certificate. The results are recorded in the following annex: test report 1596-22 R0.

Issued by KEMA B.V.



Alessandro Bertani
Director,
Services & Smart Technologies

Arnhem, May 10, 2022