

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1230-17
Applicant	Nanjing Nengrui Automation Equipment Co., Ltd.
Contact person	Maorong Yuan
Address	YongNing Road #9, JiangNing District
Postal code, City	NanJing, JiangSu
Country	China
Production site	Nanjing Nengrui Automation Equipment Co., Ltd.
Address	YongNing Road #9, JiangNing District
Postal code, City	NanJing, JiangSu
Country	China
Instrument	Electronic three-phase four-wire energy meter. Transformer connected
Mark - Type	NRZS7111
Register	LCD
Accuracy Class	active: C; reactive: 2
Measurement range	58/100 – 230/400V, 0,01-1(6) A, 50 Hz active: 10000 imp./kWh; reactive: 10000 imp./kvarh
Temperature range	-25...55 °C
Use	Indoor, not sensitive to phase sequence
Protection Class	II
Environmental class	M1, 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 1 June 2027

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1229-17.

DNV GL Netherlands B.V.



J.P. Fonteijne
Executive Vice President
KEMA Laboratories



Arnhem, 1 June 2017

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