

## EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1457-20
Manufacturer	Ningbo Sanxing Smart Electric Co. Ltd.
Contact person	Ms. Jane Ye
Address	No. 16 Fengwan Road, Cicheng Town
Postal code, City	Jiangbei District, Ningbo City, Zhejiang Province, 315034
Country	China
Production site	Ningbo Sanxing Smart Electric Co. Ltd.
Address	No. 16 Fengwan Road, Cicheng Town
Postal code, City	Jiangbei District, Ningbo City, Zhejiang Province, 315034
Country	China
Instrument	Electronic single-phase two-wire energy meter. Direct connected
Mark - Type	S12U16
Register	LCD
Accuracy Class	Active: B ; 1000 imp./kWh Reactive: 2 ; 1000 imp./kvarh
Measurement range	230 V; 0,25-5(85) A and 0,25-5(100) A; 50 Hz
Temperature range	-40 °C to 70 °C
Use	Indoor
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 7 April 2031

Based on a non-recurrent examination.

Revision 1 of this Certificate. The results are recorded in the following annex: test report 1226-21 R0.

KEMA B.V.



Bas Verhoeven  
Director, High-Voltage  
Laboratory

Arnhem, 7 April 2021