

# EU-TYPE EXAMINATION CERTIFICATE

Certificate number 1671-22

Manufacturer: Ningbo Sanxing Smart Electric Co., Ltd.,  
No.16 Fengwan Road, Cicheng Town, Jiangbei District, Ningbo City,  
Zhejiang Province, 315034, China

Production location: Ningbo Sanxing Smart Electric Co., Ltd.,  
No.16 Fengwan Road, Cicheng Town, Jiangbei District, Ningbo City,  
Zhejiang Province, 315034, China

Test object: Electronic three-phase four-wire energy meter  
Direct connected

Type: S34U28

Accuracy Class: active: class 1/B ; 1000 imp./kWh  
reactive: class 1 and 2 ; 1000 imp./kvarh

Register: LCD

Measurement range: 230/400 V  
0,25-5(100) A  
50 Hz

Temperature range: -40 .. 70 °C

Use: Indoor, IP54, Protection Class II, not sensitive to phase sequence

Environmental class: M1, M2, E1 and E2, CISPR32 class B

Software ID / CRC: V0.09.10 / 265A

Internal clock: Crystal controlled

Utilisation category: UC3

Registry method(s): Vectoral computation method

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 November 2, 2032

Based on a non-recurrent examination.

First issue of this certificate. The results are recorded in the following annex: test report 1696-22 R0.

Issued by KEMA B.V.



Alessandro Bertani  
Director,  
Services & Smart Technologies

Arnhem, November 2, 2022