

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1462-16
Manufacturer	Shanghai United Electronic Co., Ltd.
Contact person	Vincent Zheng
Address	No.1355 Hengnan Road, Pujiang Town, Minhang District,
Postal code, Place	Shanghai, 201114
Country	China
Production site	Ningbo Sanxing Smart Electric Co., Ltd.
Address	No. 16, Fengwan Road, Cicheng Town,
Postal code, Place	Jiangbei District, Ningbo
Country	China
Instrument	Electronic single-phase two-wire, energy meter Direct connected
Mark - Type	P12S01-SX631
Register	LCD
Accuracy Class	Active: 1/B ; 1000 imp./kWh Reactive: 2 ; 1000 imp./kvarh
Measurement range	220 – 240 V 0,25 .. 5 (100)A 50 or 60 Hz
Temperature range	-40 .. 70 °C
Use	Indoor
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 21 October 2026

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1461-16.

DNV GL Netherlands B.V.



J.P. Fonteijne
Executive Vice President
KEMA Laboratories



Arnhem, 21 October 2016

Copyright: Only integral reproduction of this Certificate is permitted without written permission from DNV GL.

DNV GL Netherlands B.V. Utrechtseweg 310, 6812 AR Arnhem, P.O. Box 9035, 6800 ET Arnhem, the Netherlands
Notified body number 2290