

## EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1532-18
Manufacturer	Shenzhen Star Instrument Co., Ltd.
Contact person	Mrs Li Wang
Address	Star Industry Park, Baolong Industry City, Longgang District
Postal code, City	518116, Shenzhen
Country	China
Production site	Shenzhen Star Instrument Co., Ltd.
Address	Star Industry Park, Baolong Industry City, Longgang District
Postal code, City	518116, Shenzhen
Country	China
Instrument	Electronic single-phase two-wire energy meter Direct connected
Mark - Type	DDS26D, DDSY23S, STZ131 and DDS26D, DDSY23S, STK131
Register	LCD
Accuracy Class	Active: C
Measurement range	100-127 and 220-240V; 0,15 - 5(100) A; 50 and 60 Hz active: 1000 imp./kWh; reactive: 1000 imp./kvarh
Temperature range	-40 .. 70 °C
Use	Outdoor
Protection Class	II
Environmental class	M1, E1 and E2
Registry method	Bi-directional method with 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	12 October 2028

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1531-18.

DNV GL Netherlands B.V.



J.P. Fonteijne  
Executive Vice President  
KEMA Laboratories



Arnhem, 12 October 2018

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