

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1365-20
Manufacturer	Shenzhen Star Instrument Co. Ltd.,
Contact person	Ms. Karen Zhang
Address	Shenzhen Star Instrument Co. Ltd., Star Industry Park, Baolong Industry City
Postal code, City	Longgang District, 518116, Shenzhen,
Country	China
Production site	Shenzhen Star Instrument Co. Ltd.,
Address	Shenzhen Star Instrument Co. Ltd., Star Industry Park, Baolong Industry City
Postal code, City	Longgang District, 518116, Shenzhen,
Country	China
Instrument	Electronic three-phase four-wire energy meter. CT connected
Mark - Type	DTS27, STZ351
Register	LCD
Accuracy Class	C
Measurement range	57,7/100 V - 277/480 V 0,01-1(10) A 50 and 60 Hz active: 10000 imp./kWh
Temperature range	-40 °C to 70 °C
Use	Outdoor, not sensitive to phase sequence
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	23 September 2032

Based on a non-recurrent examination.

Revision 1 of this certificate. The results are recorded in the following annex: test report 1364-20 R2.

Issued by KEMA B.V.



Alessandro Bertani
Director,
Services & Smart Technologies

Arnhem, September 23, 2022