

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1027-19	
Manufacturer	Yantai Dongfang Wisdom Electric Co., Ltd.	
Contact person	Mr Sun Qiang	
Address	No.6 Jindu Road, Laishan District	
Postal code, City	Yantai	
Country	China	
Production site	Yantai Dongfang Wisdom Electric Co.,Ltd.	
Address	No.6 Jindu Road, Laishan District	
Postal code, City	Yantai	
Country	China	
Instrument	Electronic three-phase four-wire and three-phase-three wire energy meter Transformer connected	
Mark - Type	3P3W: DTSD178 H01; 3P4W: DTSD178 H02	
Register	LCD	
Accuracy Class	Active: 0,2S/C; Reactive: 2	
Measurement range	3P3 W 3x100 V active: 20000 imp./kWh reactive: 20000 imp./kvarh 1(6) A 50 Hz	3P4 W 3x220/380 V active: 6400 imp./kWh reactive: 6400 imp./kvarh
Temperature range	-40 .. 70 °C	
Use	Indoor, not sensitive to phase sequence	
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	5 February 2029

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1026-19.

KEMA B.V.


Bas Verhoeven
Director, High-Voltage
Laboratory



Arnhem, 5 February 2019

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