

## EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1151-18
Manufacturer	Holley Technology Ltd.
Contact person	Ms. Xiaofang Liu
Address	No. 181 Wuchang Avenue, Yuhang district
Postal code, City	310023 Hangzhou
Country	China
Production site	Holley Technology Ltd.
Address	No. 181 Wuchang Avenue, Yuhang district
Postal code, City	310023 Hangzhou
Country	China
Instrument	Electronic three-phase four-wire energy meter. Direct connected
Mark - Type	DTSD545
Register	LCD
Accuracy Class	Active: 1 ; 1000 imp./kWh Reactive: 2 ; 1000 imp./kvarh
Measurement range	110/190 V – 240/415 V, 60Hz 0,5..10(100) A and 1..20(160) A
Temperature range	-40°C .. 80 °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	9 May 2028

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1150-18.

DNV GL Netherlands B.V.



J.P. Fonteijne  
Executive Vice President  
KEMA Laboratories



Arnhem, 9 May 2018

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