

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1307-20
Manufacturer	Alfanar Electrical Division
Contact person	Mr. Mobarak Ahammad Khan
Address	Alfanar industrial city, New Alkharj Road
Postal code, City	14338 , Riyadh
Country	Saudi Arabia
Production site	Alfanar Electrical Division
Address	Alfanar industrial city, New Alkharj Road
Postal code, City	14338 , Riyadh
Country	Saudi Arabia
Instrument	Electronic three-phase four-wire energy meter. Direct connected
Mark - Type	DTSD545-ALF
Register	LCD
Accuracy Class	Active: B; 1000 imp./kWh
Measurement range	110/190 V – 240/415 V, 50 and 60 Hz 0,5..10(100) 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).

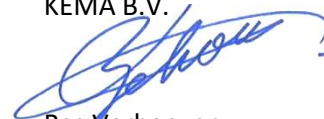
Certification was based on compliance with the following harmonised standards:

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	30 July 2030

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1306-20.

KEMA B.V.



Bas Verhoeven
Director, High-Voltage
Laboratory

Arnhem, 30 July 2020