

## EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1521-20
Manufacturer 1	Techno Electricals Limited
Contact person	Mrs. Nafiza Islam
Address	Bashati Horizon, Suite#A-12, House#21, Road#17, Block#C, Banani, Dhaka-1213
Country	Bangladesh
Production site 1	Techno Electricals Limited
Address	124 Kewdhala Madanpur Bandar-1411, Narayanganj
Country	Bangladesh
Instrument	Electronic three-phase four-wire energy meter, keypad and virtual token carrier interface smart pre-payment energy meter. Direct connected.
Mark - Type	SQ-783S-KT and SQ-783S-GT
Register	LCD
Accuracy Class	Active: B ; 1000 imp./kWh
Measurement range	3*120/207V – 3*240/415 V 0,25-5(100) A and 0,25-10(100) A 50 and 60 Hz
Temperature range	-40 .. 70 °C
Use	Indoor
Protection Class	II
Environmental class	M1, M2, E1 and E2
Registry method	Programmable, 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 harmonization 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 May 2031

Based on a non-recurrent examination.

Revision 2 of this certificate. The results are recorded in the following annex: test report 1267-21 R1.

KEMA B.V.



Bas Verhoeven  
Director, High-Voltage  
Laboratory

Arnhem, 12 May 2021