



CERTIFICATE

TYPE TEST OF ENERGY METERS

Applicant : Bluestar Electrical Meter Research Institute
Contact person : Changchun Yang
Address : 181 Hanzhongmen Street
Postal code, Place : 210036 Nanjing
Country : China

Manufacturer : Microstar Electric Company Limited
Address : 10 Dajiang Road
Postal code, Place : 210039 Nanjing
Country : China

Instrument : Electronic three-phase four-wire energy meter
Direct connected

Type : P 2000-D
Register : LCD
Accuracy Class : 1 / C
Measurement range : 90/157 to 240/415 V
10(160) A
50 or 60 Hz
200 imp./kWh

Use : Indoor
Protection Class : II
Registry method : bi-directional method separate registers: received- and delivered energy of the whole connection is added in separate registers.

The energy meter meets the requirements of:

IEC 62052-11 (2003) : Electricity metering equipment (a.c.) - General requirements, tests and test conditions - Metering equipment
IEC 62053-21 (2003) : Electricity metering equipment (a.c.) - Static meters for active energy (classes 1 and 2)
IEC 62053-23 (2003) : Electricity metering equipment (a.c.) - Static meters for reactive energy (classes 2 and 3)

Based on a non-recurrent examination.

The results are recorded in our test report with reference 2124524 -QUA/CAL 09-4058.

KEMA Quality B.V.
Arnhem, November 16, 2009

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Certification manager

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Managing Director
Certificate nr. 2124524 -QUA/CAL 09-4058C

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