

# 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  
Transformer connected

Type : P 2000-T  
Register : LCD  
Accuracy Class : 0,2S / C  
Measurement range : 57,7/100 to 240/415 V  
1(10) A  
50 or 60 Hz  
: 4000 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 62053-22 (2003) : Electricity metering equipment (a.c.) - Static meters for active energy (classes 0,2S and 0,5S)  
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 09-4063.

KEMA Quality B.V.  
Arnhem, December 7, 2009



ir. A.P.M. Baars  
Certification manager



ir. P.J.J.G. Nabuurs  
Managing Director  
Certificate nr. 2124524 -QUA/CAL 09-4063C

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