



OIML Certificate

OIML Member State
The Netherlands

Number R46/2012-A-NL1-25.02 revision 0
Project number 3831870
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Issuing authority NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Manufacturer Jiangsu Linyang Energy Co. Ltd
Linyang Road 666
Jiangsu Province 226299
Qidong
P.R. China

Identification of the certified type An **Active electrical energy meter**
Type: NW34160A-R8.4

Characteristics See following page(s)

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML Type Evaluation Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R 46-1/-2 (2012) "Active electrical energy meters"

Accuracy class B

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation identified above.
This Certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Type Evaluation Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
14 April 2025

Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon at the top of the electronic version of this certificate.





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The conformity was established by the results of tests and examinations provided in the associated report(s):

- No. NMI-3831870-03 dated 14 April 2025 that includes 41 pages;
- No. NMI-3831870-04 dated 14 April 2025 that includes 15 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.
The construction of the measuring instrument is recorded in the Documentation folder no. NMI-CoC-25.10-1.

Table 1 General characteristics

General characteristics	
Meter type	Static
Connection mode (phase, wires, elements)	3p, 4w, 3e
Direction of energy flow / registers	bi-directional
Terminal arrangement	BS
Protective class	Category 2
Environmental application	
Ambient temperature range	-40 °C to +70 °C; tested up to +75°C as a specific customer requirement.
Humidity class	H1
IP Rating / environmental use	IP54 / Outdoor
Meter quantities	
Nominal voltage (U_{nom})	3x133/230 V and 3x230/400 V
Nominal frequency (f_{nom})	60 Hz
Maximum current (I_{max})	160 A
Transitional current (I_{tr})	2 A
Minimum current (I_{min})	1 A
Starting current (I_{st})	0,08 A
Meter constant	1.000 imp./kWh
Product version	
Hardware version	7.825.003355V3
Software identification	LY252-2024-07-10 Checksum: 0x423D361F



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Certificate history:

Revision	Date	Description of the modification
0	14-04-2025	Initial issue