

OIML Member State
The Netherlands

Number R 117/2019-A-NL1-22.07 revision 0
Project number 2657857
Page 1 of 2

Issuing authority NMI Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer Houpu Clean Energy Co., Ltd.
No.555, Kanglong Road, Gaoxin District
Chengdu, Sichuan
P.R. China

Identification of the certified type An **electronic calculating and indicating device**
Type: HP-JQJ-CS-I

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 117-1: 2019 "Dynamic measuring systems for liquids other than water"

Accuracy class 0,5 or 1,5

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.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
29 April 2022

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.



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

- No. NMI-16200138-01 dated 23 February 2017 that includes 41 pages.
- No. NMI-16200138-02 dated 23 February 2017 that includes 20 pages.
- No. NMI-2657857-01 dated 29 April 2022 that includes 102 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. TC12400-1.

Table 1 General characteristics

| | |
|---------------------------------|--|
| Maximum volume indication | 6 digits |
| Maximum unit price | 5 digits |
| Maximum price to pay | 6 digits |
| Environmental classes | M1 / E2 |
| Ambient temperature range | -25 – +55 °C; for display unit LNGXSB and display unit ZSHXSB -40 – +55 °C; for display unit CDWXSB |
| Intended for the measurement of | Liquid Natural Gas |
| Power supply voltage | 240 Vac (-15% / +10%); 50 Hz |
| Software identification | Version number: CS-CAL-L V1.0 Checksum: 523BF939 |

Certificate history:

This revision replaces the previous version.

| Revision | Date | Description of the modification |
|----------|---------------|---------------------------------|
| Initial | 29 April 2022 | - |