



OIML Member State
P. R. China



OIML Certificate No.
R46/2012-A-CN2-26.06

OIML CERTIFICATE

ISSUED UNDER SCHEME A

OIML Issuing Authority Name: National Institute of Metrology, China
Address: No.18, Bei San Huan Dong Lu, Chaoyang Dist., Beijing, P. R. China
Person responsible: Mr. Li Wentao

Applicant Name: Holley Technology Ltd.
Address: No.181 Wuchang Avenue Yuhang District, Hangzhou, P.R.CHINA

Manufacturer Name: Holley Technology Ltd.
Address: No.181 Wuchang Avenue Yuhang District, Hangzhou, P. R. China

Identification of the certified type Single-phase smart meter DDSY283SR Model:H110-DT
① 220V 0.25-5(60)A 50Hz
② 230V 0.25-5(60)A 50Hz
③ 240V 0.25-5(60)A 50Hz
(Further characteristics on page 2)

This OIML 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):

OIML R46 – Edition 2012

For accuracy class: **Class B (Class 1)**

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML 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 is 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.

OIML Issuing Authority: **National Institute of Metrology, China**

Date: 27 May 2026



No.18, Bei San Huan Dong Lu,
Chaoyang Dist, Beijing,
100029, P.R.China
+86 10 64525646
oimlia@nim.ac.cn
www.nim.ac.cn

Li Wentao
Director
National Institute of Metrology, China

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. TER-R46/2012-CN2-26.06 dated 27 May 2026 that includes 16 pages

and the associated OIML test report:

No. SIMT2026F14-41-003 dated 20 April 2026 that includes 96 pages

OIML Certificate History

| Revision No. | Date | Description of the modification |
|--------------|-------------|---------------------------------|
| 0 | 27 May 2026 | Initial issue |

Characteristics of the Instrument

| | |
|---|---|
| Meter type (electromechanical/static): | static |
| Accuracy class: | Class B (Class 1) |
| Nominal voltage, U_{nom} : | 220 V, 230 V, 240 V |
| Nominal frequency, f_{nom} : | 50 Hz |
| Maximum current, I_{max} : | 60 A |
| Transitional current, I_{tr} : | 0.5 A |
| Minimum current, I_{min} : | 0.25 A |
| Starting current, I_{st} : | 0.02 A |
| Connection mode (phases, wires, elements): | Direct-connected Single phase two wires, single element |
| Direction of energy flow /registers: | Two-register, bi-directional |
| Register multiplier: | 1 |
| Meter constant: | 1000 imp/kWh |
| Specified clock frequencies | 32.768 kHz |
| Indoor / Outdoor: | Indoor |
| IP Rating: | IP54 |
| Terminal arrangement (e.g.: BS, DIN): | DIN |
| Insulation protection class: | II |
| Lower specified temperature: | -40 °C |
| Upper specified temperature: | +70 °C |
| Humidity class: | H1 |
| Tilt / Mounting position: | Any position is allowed |
| Hardware version(s): | H110-AA1-01 |
| Software version(s): | Version:HMSP16097604G24X1600000251202V00 Checksum:38DD00FE |

Remarks:

Communication interfaces: 1 optical port, 1 RS485 port