

Certificate



Certificate no.

CU 72225002 01

License Holder:

Shanghai Chint Power Systems
Co., Ltd.
No. 3255 Si Xian Rd,
Songjiang District,
201614 Shanghai
P.R. China

Manufacturing Plant:

Zhejiang Chint Power Systems
Co., Ltd.
No. 7, 8, 9 Building, No. 379,
Ziyu Road, Daqiao Town,
Nanhu District, Jiaxing City,
314000 Zhejiang
P.R. China

Test report no.: USA-Tianxin CN22MMT8 001

Client Reference: Huan Cai

Tested to: UL 1741:2010 R9.20
CSA C22.2 No. 107.1-16

Certified Product: Grid Support Utility Interactive PV Inverter **License Fee - Units**

Model Designation: CPS SCH275KTL-DO/US-800 **8**

Rated Voltage: Nominal DC Voltage Range: 500-1450V
Max. DC Input: 1500V
MPPT DC Voltage Range: 900-1300V
Number of Inputs: 3x6; 2x12; 3x12
Rated Current: Max. Input Current: 60A x 6;
30A x 12; 30A x12

Protection Class: I
Output Ratings: AC 800V, 60Hz, 3P3W+PE
AC 275kW Max., 198.5A

contd.

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Licensed Test mark:



Date of Issue

(day/mo/yr)

21/01/2022

Certificate



Certificate no.

CU 72225002 02

License Holder:

Shanghai Chint Power Systems
Co., Ltd.
No. 3255 Si Xian Rd,
Songjiang District,
201614 Shanghai
P.R. China

Manufacturing Plant:

Zhejiang Chint Power Systems
Co., Ltd.
No. 7, 8, 9 Building, No. 379,
Ziyu Road, Daqiao Town,
Nanhu District, Jiaxing City,
314000 Zhejiang
P.R. China

Test report no.: USA-Tianxin CN22MMT8 001

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Tested to: UL 1741:2010 R9.20
CSA C22.2 No. 107.1-16

Certified Product: Grid Support Utility Interactive PV Inverter **License Fee - Units**

contd.

Operating Ambient Temperature: -30 to 60 °C(derating> 42°C)
Enclosure Type: Type 4X

Special Remarks:

Also evaluated to
-UL 1741 Supplement SA for grid support functions, and
-IEEE 1547-2003, and; IEEE1547.1-2005, and; IEEE 1547a-2014
to the following SRDs#
-California Rule 21, Decision No. 16-06-052 Phase I
To be installed according to the licensee's installation
instructions.
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Licensed Test mark:



Date of Issue

(day/mo/yr)

21/01/2022

Certificate



Certificate no.

CU 72225002 03

License Holder:

Shanghai Chint Power Systems
Co., Ltd.
No. 3255 Si Xian Rd,
Songjiang District,
201614 Shanghai
P.R. China

Manufacturing Plant:

CPS Electronics (Thailand) Co., Ltd.
64/167 Moo 4,
Pluak Daeng, Pluak Daeng,
Rayong 21140
Thailand

Test report no.: USA-Tianxin CN22MMT8 001

Client Reference: Huan Cai

Tested to: UL 1741:2010 R9.20
CSA C22.2 No. 107.1-16

Certified Product: Grid Support Utility Interactive PV Inverter **License Fee - Units**

contd.

Additional Manufacturing Plant: See Above (2384650)

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Licensed Test mark:

Date of Issue

(day/mo/yr)

21/01/2022



Certificate



Certificate no.

CU 72225002 04

License Holder:

Shanghai Chint Power Systems
Co., Ltd.
No. 3255 Si Xian Rd,
Songjiang District,
201614 Shanghai
P.R. China

Manufacturing Plant:

CPS Electronics (Thailand) Co., Ltd.
64/167 Moo 4,
Pluak Daeng, Pluak Daeng,
Rayong 21140
Thailand

Test report no.: USA-Tianxin CN22MMT8 002

Client Reference: Huan Cai

Tested to: CSA C22.2 No. 107.1-16
UL 1741:2021

Certified Product: Grid Support Utility Interactive PV Inverter **License Fee - Units**

contd.

Additional Manufacturing Plant: See Above (2384650)

Modification:

Special Remarks:

1. Adding evaluation to UL 1741 Edition 3 Supplement SB for grid support functions, and IEEE 1547-2018 and IEEE1547.1-2020: Normal Operating Performance Category B; Abnormal Operating Performance III.
 2. Adding evaluation to UL 1741 Edition 3 Supplement SB for interoperability functions, and IEEE 1547-2018 and IEEE1547.1-2020: using SunSpec Modbus protocol.
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Licensed Test mark:



Date of Issue
(day/mo/yr)
31/05/2022

Certificate



Certificate no.

CU 72225002 05

License Holder:

Shanghai Chint Power Systems
Co., Ltd.
No. 3255 Si Xian Rd,
Songjiang District,
201614 Shanghai
P.R. China

Manufacturing Plant:

CPS Electronics (Thailand) Co., Ltd.
64/167 Moo 4,
Pluak Daeng, Pluak Daeng,
Rayong 21140
Thailand

Test report no.: USA-Tianxin CN22MMT8 003

Client Reference: Huan Cai

Tested to: CSA C22.2 No. 107.1-16
UL 1741:2021

Certified Product: Grid Support Utility Interactive PV Inverter **License Fee - Units**

contd.

Modification:

Special Remarks:

Adding evaluation to UL 1741 Supplement SA 17 and 18 for
grid support functions, and to the SRD CA Rule 21 CSIP
Phase II and Phase III, Function 1 and 8, Function 2 and 3.

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Licensed Test mark:



Date of Issue
(day/mo/yr)
02/08/2022