

# 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.

**Appendix:** 1, 1-122

**8**

**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

**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.

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.

Appendix: 1, 1-122

**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)

Appendix: 1, 1-122

Appendix: 1, 1-122

**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.
- Appendix: 1, 1-129

**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.

Appendix: 1, 1-128

**Licensed Test mark:**



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