



# Certificate of Compliance

Certificate: 80271368

Master Contract: 303599

Project: 80271368

Date Issued: 2025-12-15

Issued To: Zhejiang Hyxi Technology Co., Ltd.  
Room 216, Block A, Building 1  
No. 57 Jiang'er Road  
Changhe Street, Binjiang District  
Hangzhou, Zhejiang, 310008  
China

Attention: Tao Li

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicator 'US'*



Issued by: *Hart Cai*  
Hart Cai

## PRODUCTS

CLASS - C531189 - POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

The DC Coupled power control system (PCS) functions are evaluated on the following configurations:

Power Converter System models:	Meter model:	Evaluated Functions	The longest time measured:
Zhejiang Hyxi Technology Co., Ltd, HYX-H5K7-HSPA HYX-H7K6-HSPA HYX-H11K5-HSPA	DTSU666	Unrestricted Mode	Open loop response time: 1.75s; Steady state time: 1.92s.
		Export Only Mode	Open loop response time: 0.17s; Steady state time: 0.37s.
		Import Only Mode	Open loop response time: 1.85s; Steady state time: 2.48s.
		No Exchange Mode	Open loop response time: 1.97s; Steady state time: 2.62s.



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Note:

1. All models' evaluations were conducted with firmware flashed into a single IC, checksum was indicated by following:

Model	MICROPROCE SSOR/FPGA	FIRMWARE	HARDWARE	CHECKSUM
HYX-H5K7-HSPA HYX-H7K6-HSPA HYX-H11K5-HSPA	U6	BY_SYS_THREE_NOR MAL-V01.03.01.16 2025.11.14 09.19 md5	V1.0	9e8c470c20bd0f5b5 fb5ac56c8ca0b03

2. The software version and date are identified on the upper computer or other convenient display areas as illustrated in the user manual for safety control, and functional safety verified.

For details related to rating, size, configuration, etc., reference should be made to the CSA Certification Record, or the Descriptive Report.

#### **APPLICABLE REQUIREMENTS**

- UL Std No. 3141 - Outline of Investigation for Power Control Systems (Issue Number: 1 Dated January 11, 2024)
- UL Std No. 1741 CRD - Power Control Systems (Dated April 08, 2023)



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80271368	2025-12-15	<p>Original certification to Power Converter System models: HYX-H5K7-HSPA, HYX-H7K6-HSPA and HYX-H11K5-HSPA according to UL3141 (Issue Number: 1) and UL 1741 CRD, under CSA WMTC program, DC Coupled power control system (PCS) type with external meter model DTSU666. (CSAus)</p> <p>The following four modes are listed: Unrestricted Mode, Export Only Mode, Import Only Mode, No Exchange Mode.</p> <p>WMTC assessment to the test facility.</p>