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## **CERTIFICATE OF COMPLIANCE**

Certificate Number:

SGSNA/22/SZ/00342X

Contract Number:801942Certificate Project Number:SZ-CERT221203370

Certified Product:	Controller for HL-BS Battery (Lithium) Energy Storage System
Trademarks:	HUASU
Model(s):	SCU: SCU-01K4CN,
	RCU: RCU-01K8CC,
	BMU: BMU-S24T12CX1, BMU-S24T12CP1, BMU-S12T6CX1, BMU-
	S60T30CX1, BMU-S36T18CX1, BMU-S48T24CX1
Technical Data:	DC input (SCU): 9-32 VDC, 125mA;
	DC input (RCU): 9-32 VDC, 60mA;
	DC input (BMU): 9-32 VDC, 50mA;
	Maximum operating temperature: 65°C
Certificate Holder:	Hangzhou Huasu Technology Co., Ltd.
	2nd & 3rd Floor of No.3 Building, No.1418-50 Moganshan Road, Hangzhou,

Zhejiang, China

This certificate supercedes previous certificates issued with the same certificate number. Certification is valid when products are indicated on the SGS directory of certified products at <u>www.sgs.com</u> or using the QR code below. The product is certified according to ISO/IEC Guide 17067, Conformity assessment - Fundamentals of product certification, System 3, and in accordance with:

UL 62368-1, Ed. 3 dated December 13, 2019

CAN/CSA C22.2 No. 62368-1-19:2019

Conditions of Acceptability:

The controller is intended to be used inside battery energy storage system, and the final installation requirements should be further investigated when installed into end system.

Overvoltage category III and pollution degree 2 were considered;

Maximum altitude 2000m was considered;

Following safety isolation requirements were considered:

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BMU A port to enclosure: system voltage 1500VDC max, transient voltage level 4000Vpk, basic insulation; BMU A port to B/C/D port: system voltage 1500VDC max, transient voltage level 6000Vpk, reinforced insulation; RCU A port to enclosure: system voltage 1500VDC max, transient voltage level 4000Vpk, basic insulation; RCU A port to B/C/D port: system voltage 1500VDC max, transient voltage level 6000Vpk, reinforced insulation;

Authorized by:

Jason Wei Certifier Effective date: 14 December 2022

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This certificate is issued by the company under its General Conditions for Certification Services accessible at <a href="https://www.sgs.com/en/terms-and-conditions">https://www.sgs.com/en/terms-andconditions</a>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

## **Certification Body**

Connectivity & Products, a division of SGS North America Inc. 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA t +1 770 570 1800 f +1 770 277 1240 www.sgs.com

