

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/SZ/00342X

Contract Number: 801942
Certificate 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 www.sgs.com 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:

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:

Effective date: 14 December 2022



Jason Wei
 Certifier



Certification Body

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