

# CERTIFICATE OF COMPLIANCE

**Certificate Number:** SGSNA/25/CQ/00018U

**Contract Number:** 803045  
**Certificate Project Number:** SZ-CERT250200666

**Certified Product:** Lithium-Ion 13S3P Battery, Lithium-Ion 13S4P Battery  
 (Product name: Rechargeable Lithium-ion Battery)

**Trademarks:** -

**Model(s):** Ei-48V15Ah-S04, Ei-48V20Ah-S06

**Technical Data:**  
 Nominal Voltage: 48 Vdc;  
 Ei-48V15Ah-S04: Rated Capacity: 15 Ah;  
 Ei-48V20Ah-S06: Rated Capacity: 20 Ah;  
 Maximum Charge Current: 3 A;  
 Ei-48V15Ah-S04: Maximum Discharge Current: 12 A;  
 Ei-48V20Ah-S06: Maximum Discharge Current: 16 A;  
 Maximum Charge Voltage: 54.6 V;  
 End of Discharge Voltage: 35.1 V;  
 Charge Temperature Range (Ambient): 0 - 45°C;  
 Discharge Temperature Range (Ambient): -20 - 45°C

**Certificate Holder:** Suzhou Eibattery New Energy Technology Co., Ltd.  
 Building 12, 4th Floor (Room 402), Zhangjiagang Free Trade Zone, Pan  
 Semiconductor, Suzhou, 215600, Jiangsu, 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](http://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:*

ANSI/UL 2271, 2nd Edition, Dated September 7, 2018  
 CAN/ULC 2271, 2nd Edition, Dated September 7, 2018

Authorized by:

Effective date: 27 February 2025



Jason Wei  
 Certifier



**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](http://www.sgs.com)



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## Schedule of Limitations

1. The end use vehicle application shall provide instructions with regard to the safe charging of the battery. If these batteries are intended for use with a specified charger as noted in this report, that information shall be marked where it will be visible to the user in the end use vehicle application.
  2. The plastic part enclosure does not have an UV/Water exposure rating for use in outdoor locations, additional evaluation needed if exposed to sunlight or water in the end use application.
  3. The battery protection circuit for the battery pack was evaluated to be with one-level over-temperature of charge protection, one-level over-temperature of discharge protection. The acceptance should be determined in the end use application.
  4. The electronic circuit for the battery pack provided one level under-voltage protection for discharge and fuses as redundant passive protective device for short-circuit protections. Additional protection against over-discharge should also be provided and evaluated when the battery was installed within end LEV.
  5. The battery pack models Ei-48V15Ah-S04 and Ei-48V20Ah-S06 were not intended for on-road LEVs, and following clauses were not evaluated. The acceptance should be determined in the end use application.
- 32 Crush Test

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