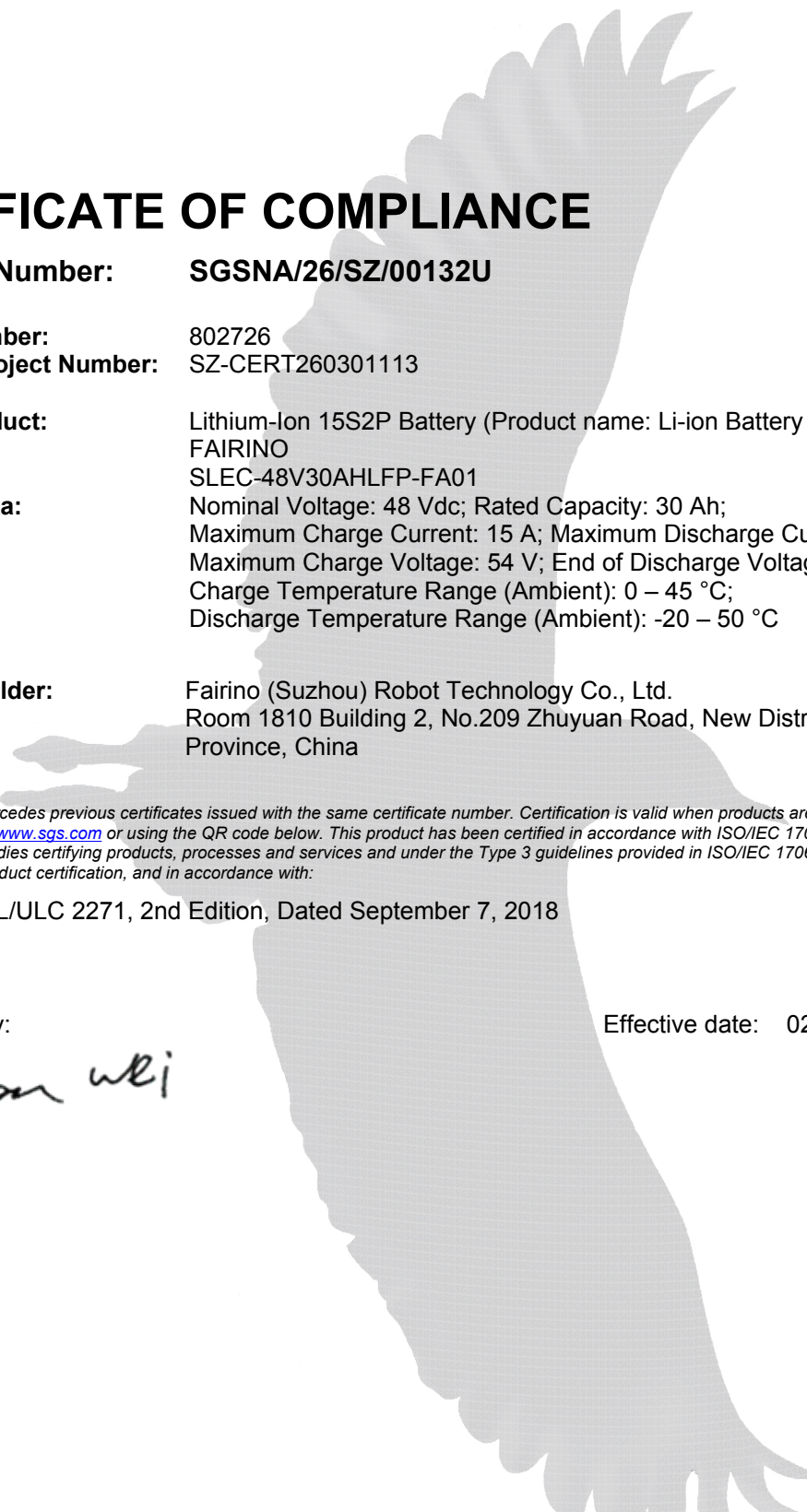




CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/26/SZ/00132U

Contract Number: 802726

Certificate Project Number: SZ-CERT260301113



Certified Product: Lithium-Ion 15S2P Battery (Product name: Li-ion Battery Pack)

Trademarks: FAIRINO

Model(s): SLEC-48V30AHLFP-FA01

Technical Data: Nominal Voltage: 48 Vdc; Rated Capacity: 30 Ah;
Maximum Charge Current: 15 A; Maximum Discharge Current: 15 A;
Maximum Charge Voltage: 54 V; End of Discharge Voltage: 37.5 V;
Charge Temperature Range (Ambient): 0 – 45 °C;
Discharge Temperature Range (Ambient): -20 – 50 °C

Certificate Holder: Fairino (Suzhou) Robot Technology Co., Ltd.
Room 1810 Building 2, No.209 Zhuyuan Road, New District, Suzhou, Jiangsu
Province, 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. This product has been certified in accordance with ISO/IEC 17065:2012, Conformity assessment — Requirements for bodies certifying products, processes and services and under the Type 3 guidelines provided in ISO/IEC 17067:2013, Conformity assessment — Fundamentals of product certification, and in accordance with:

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

Authorized by:

Effective date: 02 April 2026



Jason Wei
Certifier



Certification Body

Connectivity & Products, a division of SGS North America Inc.
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Schedule of Limitations

1. 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.
2. 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.
3. The battery protection circuit for the battery pack was evaluated to be with over-temperature of charge protection, over-temperature of discharge protection, under-temperature of charge protection and under-temperature of discharge protection. The acceptance should be determined in the end use application.
4. The battery protection circuit for the battery pack provided two levels of overcharge, imbalanced charging and short-circuit protections, and with one level under-voltage protection. Additional protection against over-discharge should be evaluated when the battery was installed into end light electrical vehicles (LEV).
5. The battery pack was 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

Certification Body

Connectivity & Products, a division of SGS North America Inc.
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