

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/22/SZ/00146X

Contract Number: 801686
Certificate Project Number: SZ-CERT220601438

Certified Product: Lithium-Ion 10S4P Battery (Product name: Li-ion battery pack)
Trademarks: -
Model(s): YJ071004
Technical Data: Nominal Voltage: 36 Vdc; Rated Capacity: 10.4 Ah;
Maximum Charge Current: 3 A; Maximum Discharge Current: 15 A;
Maximum Charge Voltage: 42 V; End of Discharge Voltage: 27 V;
Charge Temperature Range: 0 - 45 °C;
Discharge Temperature Range: -20 - 45 °C

Certificate Holder: Forcome (Zhejiang) Co., Ltd.
No. 518 Lvhubei Street, Jindong District, Jinhua, 321015, 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:

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

Authorized by:

Effective date: 10 June 2022



Jason Wei
Certifier



Certification Body

Consumer and Retail Services, 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



APPENDIX

Condition of Acceptability

Certificate Number **SGSNA/22/SZ/00146X**
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Conditions of Acceptability

1. 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).
2. 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. The acceptance should be determined in the end use application.
3. The 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.
4. 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.
5. For building-in battery pack, terminal endurance should be considered when installed into end product.
6. 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

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