

CERTIFICATE OF COMPLIANCE

Certificate Number: SGSNA/25/SH/00248

Contract Number: 803082

Certificate Project Number: SH-CERT250201582

Certified Product: Energy Storage System
Trademarks:

Model(s): Lithi2-16-x-RX12-y, y represents the number of inverters (y=1, 2, 3, 4); x

represents the number of batteries (x=1, 2, ..., 12), with the condition that $x \ge y$.

Technical Data: See Page 2

Certificate Holder: Zhuhai Ruixu Electronic Technology CO., LTD

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Effective date: 26 June 2025

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/CAN/UL 9540:2023, Third Edition, Dated June 28, 2023

Authorized by:

Mark Lohmann Certifier

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Certification Body

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Additional Information:

Technical Data:

Note: The system configurations are composed of inverter with varying quantities, along with different quantities of battery modules. However, only the parameters corresponding to a single Inverter or battery module are listed here.

Lithi2-16-x-RX12-y
Inverter Part: RX-12K

PV side: 90~510 V MPPT Voltage Range (600 V max), 16 A*4 Maximum, 19.2 A*4 Isc

Batteries side: 40-60 V, 228A max

AC grid side: 9880 W@208 Vac, 11400 W@120 Vac/240 Vac, 60 Hz, 47.5 A, -0.8~+0.8

Battery Part: Lithi2-16 Nominal Capacity: 16 kWh Rated Voltage: 51.2 V

Max. Charging Voltage: 58.4 V Discharge Cut-off Voltage: 43.2 V

Standard charge/discharge current: 140 A

Maximum continuous charge/discharge current: 200 A

Charging temperature range (ambient): -25 - 55 °C (with heating function)

Discharge temperature range (ambient): -20 - 55 °C

