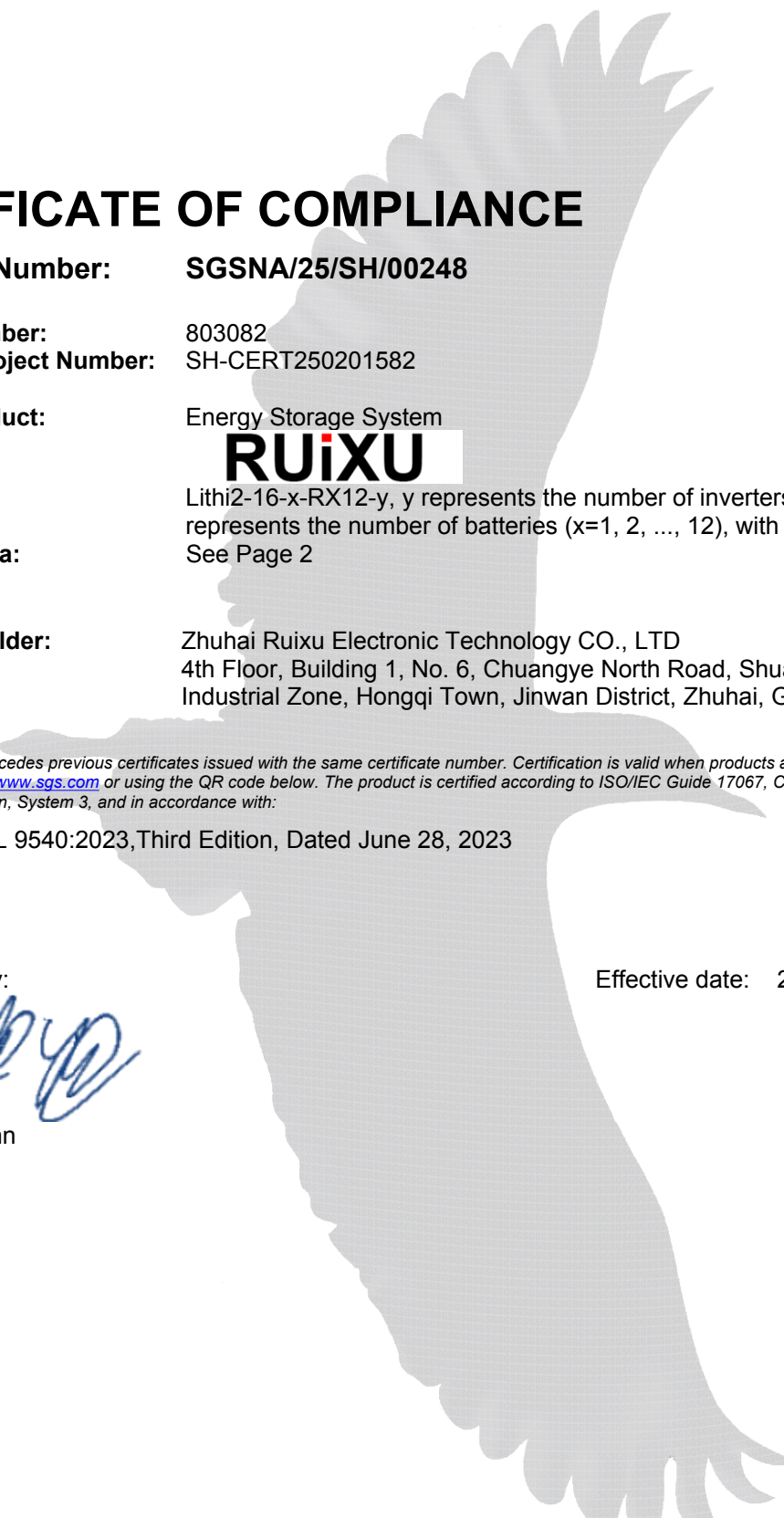




# CERTIFICATE OF COMPLIANCE

**Certificate Number:** SGSNA/25/SH/00248

**Contract Number:** 803082

**Certificate Project Number:** SH-CERT250201582

**Certified Product:** Energy Storage System

**Trademarks:**

**RUIXU**

**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  $x \geq y$ .

**Technical Data:** See Page 2

**Certificate Holder:** Zhuhai Ruixu Electronic Technology CO., LTD  
4th Floor, Building 1, No. 6, Chuangye North Road, Shuanglin Area, Liangang Industrial Zone, Hongqi Town, Jinwan District, Zhuhai, Guangdong, 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/CAN/UL 9540:2023, Third Edition, Dated June 28, 2023

Authorized by:

Effective date: 26 June 2025



Mark Lohmann  
Certifier



## Certification Body

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

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