

# CERTIFICATE OF COMPLIANCE

**Certificate Number:** SGSNA/24/CQ/00030U

**Contract Number:** 800923

**Certificate Project Number:** SZ-CERT240401415

**Certified Product:** Lithium-ion battery system (Product name: Rechargeable Li-ion Battery system)

**Trademarks:** GOODWE

**Model(s):** LX F9.6-30, LX F12.8-30, LX F16.0-30, LX F19.2-30

**Technical Data:**  
 Rated Voltage: LX F9.6-30: 192 V; LX F12.8-30: 256 V; LX F16.0-30: 320 V; LX F19.2-30: 384 V;  
 Rated Capacity: LX F9.6-30: 50 Ah; LX F12.8-30: 50 Ah; LX F16.0-30: 50 Ah; LX F19.2-30: 50 Ah;  
 Rated Capacity: LX F9.6-30: 9.6 kWh; LX F12.8-30: 12.8 kWh; LX F16.0-30: 16.0 kWh; LX F19.2-30: 19.2 kWh;  
 Operating voltage range: LX F9.6-30: 171-216 V; LX F12.8-30: 228-288 V; LX F16.0-30: 285-360 V; LX F19.2-30: 342-432 V;  
 Max. charging current: 35 A; Max. discharging current: 35 A;  
 Charging Temperature range (ambient): 0 - 50 °C;  
 Discharging Temperature range (ambient): -15 - 50 °C

**Certificate Holder:** GoodWe Technologies Co., Ltd.  
 No. 90 Zijin Road, New District, Suzhou, 215011, 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/CAN/UL 1973, 3.0 Edition, Dated February 25, 2022

Authorized by:

Effective date: 07 May 2025

*Jason Wei*

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)



# CERTIFICATE OF COMPLIANCE

**Certificate Number:** SGSNA/24/CQ/00030U

**Contract Number:** 800923

**Certificate Project Number:** SZ-CERT240401415

## Schedule of Limitations

1. The enclosure of battery system was evaluated to establish an IP rating of IP65 with the Standard for Degrees of Protection Provided by Enclosure (IP Code), IEC 60529.
2. The lithium-ion battery system provided one grounding screw in high voltage control box to be grounded through grounding conductors to the earth in the end installation. The lithium-ion battery system has been subjected to ground continuity test only between the metal enclosure and grounding screw of pack, grounding conductors between the grounding screw of the pack to the earth should be provided in the end installation and the acceptance of the continuity of the whole grounding system should be determined in the end application.
3. The maximum configuration of battery system, model LX F19.2-30, is 6 modules and the high voltage control box. It's only investigated for the series connection, not for parallel connection. The maximum voltage of battery system is 432 Vdc, the spacings requirement shall be considered if series connected more than 6 modules in the end use application.
4. The instructions for the proper installation and use including charging and discharging, storage, recycling and disposal shall be required for the end use application. These instructions shall include temperature limits, charging and discharging limits as well as instructions regarding the use of any controls or monitoring systems.

## 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)