



CERTIFICATE

No. B 132029 0035 Rev. 00

Holder of Certificate: **Ginlong Energy Storage Co., Ltd.**

No.57 Jintong Road
Binhai Industrial Park, DongChen, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Batteries**
Rechargeable Li-ion Battery System

Model(s): **FlexHome-13.99kWh-H, FlexHome-18.66kWh-H**
FlexHome-23.32kWh-H, FlexHome-27.99kWh-H
FlexHome-32.65kWh-H, FlexHome-37.32kWh-H
FlexHome-15kWh-H, FlexHome-20kWh-H
FlexHome-25kWh-H, FlexHome-30kWh-H
FlexHome-35kWh-H, FlexHome-40kWh-H

Parameters: See next pages.

Tested according to: PPP 51094A:2022
VDE-AR-E 2510-50:2017

The product was tested on a voluntary basis and complies with the essential requirements.
The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier.
All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704082616522-00

Valid until: 2031-06-01

Date, 2026-06-11


(Kai Zhao)

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Model	FlexHome-13.99kWh-H	FlexHome-18.66kWh-H	FlexHome-23.32kWh-H
Nominal Voltage	DC 153.6 V	DC 204.8 V	DC 256 V
Operation Voltage Range	DC 134.4 V, ..., 175.2 V	DC 179.2 V, ..., 233.6 V	DC 224 V, ..., 292 V
Rated Capacity	100 Ah		
Max. Continuous Charge/Discharge Current	50 A / 50 A		
Operating Ambient Temperature For Charging	-20°C to 55°C		
Operating Ambient Temperature For Discharging	-20°C to 55°C		
Ingress Protection	IP66		
Protective Class	I		

Model	FlexHome-27.99kWh-H	FlexHome-32.65kWh-H	FlexHome-37.32kWh-H
Nominal Voltage	DC 307.2 V	DC 358.4 V	DC 409.6 V
Operation Voltage Range	DC 268.8 V, ..., 350.4 V	DC 313.6 V, ..., 408.8 V	DC 358.4 V, ..., 467.2 V
Rated Capacity	100 Ah		
Max. Continuous Charge/Discharge Current	50 A / 50 A		
Operating Ambient Temperature For Charging	-20°C to 55°C		
Operating Ambient Temperature For Discharging	-20°C to 55°C		
Ingress Protection	IP66		
Protective Class	I		

Model	FlexHome-15kWh-H	FlexHome-20kWh-H	FlexHome-25kWh-H
Nominal Voltage	DC 153.6 V	DC 204.8 V	DC 256 V
Operation Voltage Range	DC 134.4 V, ..., 175.2 V	DC 179.2 V, ..., 233.6 V	DC 224 V, ..., 292 V
Rated Capacity	100 Ah		
Max. Continuous Charge/Discharge Current	50 A / 50 A		
Operating Ambient Temperature For Charging	-20°C to 55°C		
Operating Ambient Temperature For Discharging	-20°C to 55°C		
Ingress Protection	IP66		
Protective Class	I		



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Model	FlexHome-30kWh-H	FlexHome-35kWh-H	FlexHome-40kWh-H
Nominal Voltage	DC 307.2 V	DC 358.4 V	DC 409.6 V
Operation Voltage Range	DC 268.8 V, ..., 350.4 V	DC 313.6 V, ..., 408.8 V	DC 358.4 V, ..., 467.2 V
Rated Capacity	100 Ah		
Max. Continuous Charge/Discharge Current	50 A / 50 A		
Operating Ambient Temperature For Charging	-20°C to 55°C		
Operating Ambient Temperature For Discharging	-20°C to 55°C		
Ingress Protection	IP66		
Protective Class	I		