

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Lithium Iron Phosphate Battery System

Name and address of the applicant

Guangzhou Felicity Solar Technology Co., Ltd.
(Airport Baiyun)No.2, 4, 6, 8, 10 and 12 Donghua Huaye Road, Renhe
Town, Baiyun District, Guangzhou Guangdong, China

Name and address of the manufacturer

Guangzhou Felicity Solar Technology Co., Ltd.
(Airport Baiyun)No.2, 4, 6, 8, 10 and 12 Donghua Huaye Road, Renhe
Town, Baiyun District, Guangzhou Guangdong, China

Name and address of the factory

Guangzhou Felicity Solar Technology Co., Ltd.
(Airport Baiyun)No.2, 4, 6, 8, 10 and 12 Donghua Huaye Road, Renhe
Town, Baiyun District, Guangzhou Guangdong, China*When more than one factory*☐ Additional information on page 2

Ratings and principal characteristics

Product data

Nominal Capacity: 50Ah

Product data – type FLH96050SG2M1 and FLH96050SG2M1-H

Ratings: 102,4 Vdc, 5,12 kWh

Product data – type FLH96050SG2M2 and FLH96050SG2M2-H

Ratings: 204,8 Vdc, 10,24 kWh

Product data – type FLH96050SG2M3 and FLH96050SG2M3-H

Ratings: 307,2 Vdc, 15,36 kWh

Product data – type FLH96050SG2M4 and FLH96050SG2M4-H

Ratings: 409,6 Vdc, 20,48 kWh

Product data – type FLH96050SG2M5 and FLH96050SG2M5-H

Ratings: 512 Vdc, 20,48 kWh

Product data – type FLH96050SG2M6 and FLH96050SG2M6-H

Ratings: 614,4 Vdc, 30,72 kWh

Trademark / Brand (if any)



felicitysolar

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

FLH96050SG2M1, FLH96050SG2M1-H, FLH96050SG2M2,
FLH96050SG2M2-H, FLH96050SG2M3, FLH96050SG2M3-H,
FLH96050SG2M4, FLH96050SG2M4-H, FLH96050SG2M5,
FLH96050SG2M5-H, FLH96050SG2M6 and FLH96050SG2M6-H

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands

Date: 2025-12-23

Signature: Rosa Zhou

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Additional information

A sample of the product was tested and found to be in conformity with

As shown in the Test Report Ref. No. which forms part of this Certificate

☒ Additional information on page 3

IEC 62040-1:2017, IEC 62040-1:2017/AMD1:2021 and IEC 62040-1:2017/AMD2:2022

National differences:
AU, EU Group Differences

4947407.50

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Ref. Certif. No.

NL-122493

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Additional information

Model/Type reference:

System model: FLH96050SG2M1, FLH96050SG2M2, FLH96050SG2M3, FLH96050SG2M4, FLH96050SG2M5, FLH96050SG2M6, FLH96050SG2M1-H, FLH96050SG2M2-H, FLH96050SG2M3-H, FLH96050SG2M4-H, FLH96050SG2M5-H, FLH96050SG2M6-H

Battery module: FLH96050SMG2, FLH96050SMG2-H

Controller: FLH96050SCG2, FLH96050SCG2-H

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