



中国认可
国际互认
检测
TESTING
CNAS L4065



Report No.: GDFLS2F5902W02

TEST REPORT

Product Name: LITHIUM IRON PHOSPHATE BATTERY

Model and Parameters: FLA48314-EU, 51.2V, 314Ah

Test Classification: Commission test

Issue Date: 2025-07-17

Tested by

Zuo tao zhang

Test Engineer

Reviewed by

Tab Tong

Audit Engineer

Approved by

Hongbin Xu

Approval Engineer

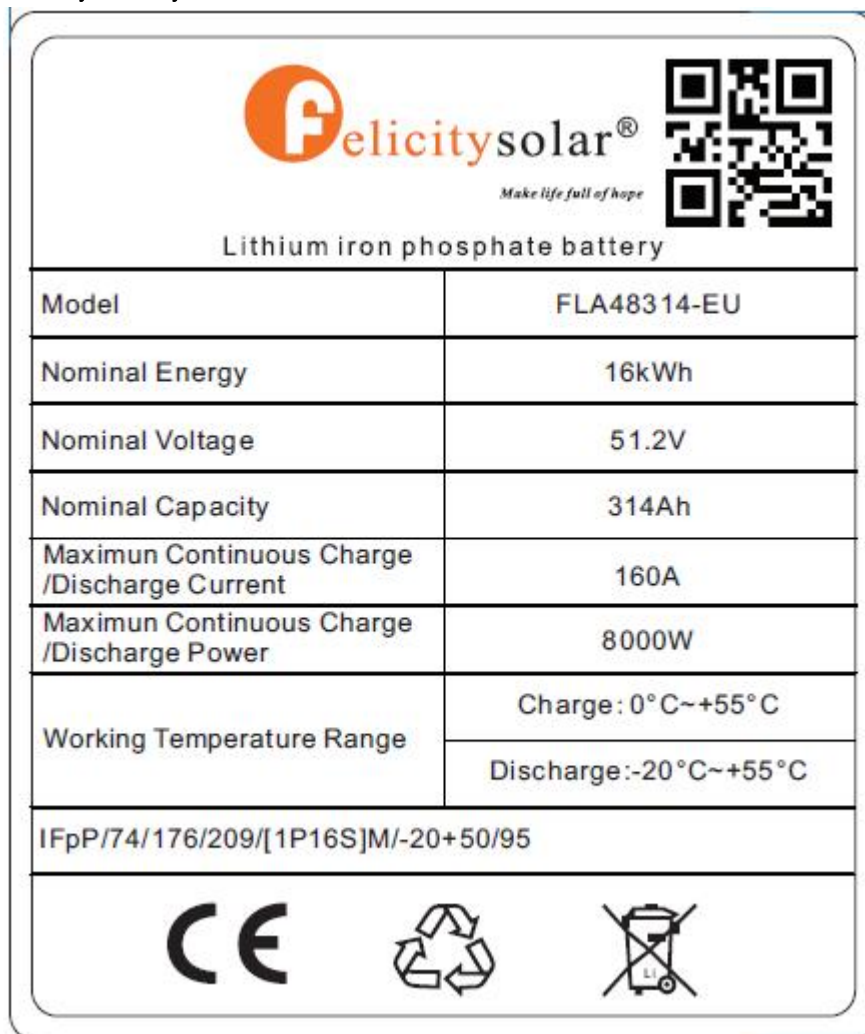
Guangzhou MCM Certification & Testing Co., Ltd.



General Information	
Application Information:	
Applicant:	Guangzhou Felicity Solar Technology Co., Ltd
Address:	No. 2, Donghua Huaye Road, Renhe Town, Baiyun Area, Guangzhou, China
Contact Information:	13580621578 or hailin.wu@felicitysolar.com
General Information:	
Product Name:	LITHIUM IRON PHOSPHATE BATTERY
Trade Mark:	N/A
Model and/or Type:	FLA48314-EU
Nominal Capacity:	314Ah
Nominal Voltage:	51.2V
Manufacturer:	Guangzhou Felicity Solar Technology Co., Ltd
Address:	No. 2, Donghua Huaye Road, Renhe Town, Baiyun Area, Guangzhou, China
Factory:	Guangzhou Felicity Solar Technology Co., Ltd
Address:	No. 2, Donghua Huaye Road, Renhe Town, Baiyun Area, Guangzhou, China
Testing Laboratory:	
Laboratory:	Guangzhou MCM Certification & Testing Co., Ltd.
Address:	Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China.
Testing Location:	As above
Test Specification:	
Standard Used:	IEC 62619: 2022 Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications
Deviation Description:	N/A
Test Procedure:	N/A

Label:

The artwork below may be only a draft.

**Technical Parameters (The following parameters are all provided by the applicant):**

	Cell	Battery
Model:	CB75	FLA48314-EU
Rate Capacity:	314Ah	314Ah
Nominal Voltage:	3.2V	51.2V
Nominal Charge Current:	157A	80A
Nominal Discharge Current:	157A	80A
Maximum continues Charge Current:	314A	160A
Maximum continues Discharge Current:	314A	160A
Standard Charge Voltage:	3.65V	57.6V
Upper Limit Charging Voltage:	3.75V	57.6V
Discharge Cut-off Voltage:	2.5V(T>0°C); 2.0V(T≤0°C)	48V
Charge Temperature Range	0°C ~ 60°C	0°C ~ 55°C
Discharge Temperature Range	-30°C ~ 60°C	-20°C ~ 55°C