

**Certificate No.:** SGS/220030

# CERTIFICATE OF SUITABILITY

This certificate is issued by **SGS Australia Pty Ltd** in accordance with the SGS Electrical Type Testing Scheme accredited by JAS-ANZ under AS/NZS ISO/IEC 17065. SGS certifies the electrical equipment described hereunder complies with the standard/s listed herein. It is a requirement that the electrical equipment supplied under this certificate shall be identical to the electrical equipment as certified. The electrical equipment may be marked with the regulatory compliance mark (RCM) in accordance with its conditions of use as set out in AS/NZS 4417.1 and the authorised marking as specified herein.

## CERTIFICATE HOLDER

**Company Name:** Alpha ESS Co., Ltd.  
**Address:** Jiu Hua Road 888, High-Tech Industrial Development Zone, Nantong, 226300, Jiangsu, China

## CERTIFICATION DETAILS

**Certification Standard:** AS/NZS 4777.2:2020 + A1 and IEC 62109-1:2010 with IEC 62109-2:2011 and AS IEC 62477.1:2016  
**Conditions:** Nil  
**Authorised Marking:** SGS-220030-E  
**Certificate Issue Date:** 22 January 2022  
**Certificate Expiry Date:** 21 January 2027

## ELECTRICAL EQUIPMENT

**Description:** Energy Storage System

Trade Name	Model Number	Ratings
Alpha ESS	SMILE-B3-PLUS	Class I; IP65 Battery Input: LFP(LiFeP04), 48 V d.c., 60 / 60 A d.c.; 5.04 kWh Grid output: 230 V a.c., 50 Hz, 13 A a.c.; 3 kW; Back-up output: 230 V a.c., 50 Hz, 13 A; 3 kW
Alpha ESS	SMILE-B3-PLUS II	Class I; IP65 Battery Input: LFP(LiFeP04), 48 V d.c., 60 / 60 A d.c.; 10.08 kWh Grid output: 230 V a.c., 50 Hz, 13 A a.c.; 3 kW; Back-up output: 230 V a.c., 50 Hz, 13 A; 3 kW
Alpha ESS	SMILE-B3-PLUS III	Class I; IP65 Battery Input: LFP(LiFeP04), 48 V d.c., 60 / 60 A d.c.; 15.12 kWh Grid output: 230 V a.c., 50 Hz, 13 A a.c.; 3 kW; Back-up output: 230 V a.c., 50 Hz, 13 A; 3 kW



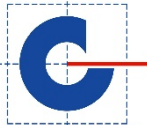
**For and On Behalf of**  
**SGS Australia Pty Ltd**

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**SGS Australia Pty Ltd**

10/585 Blackburn Road, Notting Hill, 3168, Australia

[www.sgs.com.au](http://www.sgs.com.au)

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Alpha ESS	SMILE-B3-PLUS IV	Class I; IP65 Battery Input: LFP(LiFeP04), 48 V d.c., 60 / 60 A d.c.; 20.16 kWh Grid output: 230 V a.c., 50 Hz, 13 A a.c.; 3 kW; Back-up output: 230 V a.c., 50 Hz, 13 A; 3 kW
Alpha ESS	SMILE-B3-PLUS V	Class I; IP65 Battery Input: LFP(LiFeP04), 48 V d.c., 60 / 60 A d.c.; 25.2 kWh Grid output: 230 V a.c., 50 Hz, 13 A a.c.; 3 kW; Back-up output: 230 V a.c., 50 Hz, 13 A; 3 kW
Alpha ESS	SMILE-B3-PLUS VI	Class I; IP65 Battery Input: LFP(LiFeP04), 48 V d.c., 60 / 60 A d.c.; 30.24 kWh Grid output: 230 V a.c., 50 Hz, 13 A a.c.; 3 kW; Back-up output: 230 V a.c., 50 Hz, 13 A; 3 kW

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