

**Certificate No.:** SGS/190766/1

# CERTIFICATE OF SUITABILITY

## Modification Addendum

This certificate is issued as a modification addendum to Certificate No.: SGS/190766 to confirm that **SGS Systems & Services Certification Pty Ltd** (Electrical Product Certification Services (EPCS) Australia) as accredited by JAS-ANZ in accordance with AS/NZS ISO/IEC 17065 has certified the equipment described herein. The design of the electrical equipment to which this certificate relates has been evaluated to the Standard(s) nominated and found to be electrically safe as defined in AS/NZS 3820 *Essential Safety Requirements for Electrical Equipment*. It is a requirement of ETT-SGS that all electrical equipment supplied under this certificate shall be identical to the article as certified.

### CERTIFICATE HOLDER

**Company Name:** NingBo Deye Inverter Technology Co.,Ltd  
**Address:** No.26 South YongJiang Road, Daqi, Beilun, NingBo, Zhejiang, China

### CERTIFICATION DETAILS

**Certification Standard:** AS/NZS 4777.2:2015 and IEC 62109-2:2011 with IEC 62109-1:2010  
**Conditions:** Nil  
**Authorised Marking:** SGS-190766-E  
**Certificate Issue Date:** 04 October 2019  
**Certificate Expiry Date:** 03 October 2024

### MODIFICATION DETAILS

**Modification Details:** Updated the output rating items: "Max AC Output Apparent Power" and "AC Output Rated Apparent Power" as detailed in SGS Test Report No. 2219/0253/2/E1 dated 18 February 2021.  
**Modification Date:** 01 March 2021

### ELECTRICAL EQUIPMENT

**Description:** Hybrid PV Inverter

#### Trade Name

DEYE

#### Model Number

SUN-8K-SG01LP1-EU

#### Ratings

Input Supply Solar: 100-500 V d.c., 18/18 A, Max. 10400 W; IP65; Class I

Input Supply battery: Lead Acid or Li-ion, 48 V d.c., Max. 190 A

Input AC back-up: 230 V a.c., 50 Hz, 35 A, Max. 8800 W

Output (Grid): 230 V a.c., 50 Hz, Max. 40 A, Max AC Output Power 8800 W; Max AC Output Apparent Power: 8800 VA; AC Output Rated Apparent Power: 8000 VA



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**SGS Systems & Services Certification Pty Ltd**

Page 1 of 3

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**SGS Systems & Services Certification Pty Ltd**  
 10/585 Blackburn Road, Notting Hill, 3168, Australia  
[www.sgs.com.au](http://www.sgs.com.au)  
 Member of the SGS Group (SGS SA)

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DEYE	SUN-7.6K-SG01LP1-EU	<p>Input Supply Solar: 100-500 V d.c., 18/18 A, Max. 9880 W; IP65; Class I</p> <p>Input Supply battery: Lead Acid or Li-ion, 48 V d.c., Max. 190 A</p> <p>Input AC back-up: 230 V a.c., 50 Hz, 33 A, Max. 8360 W</p> <p>Output (Grid): 230 V a.c., 50 Hz, Max. 38 A, Max AC Output Power 8360 W; Max AC Output Apparent Power: 8360 VA; AC Output Rated Apparent Power: 7600 VA</p>
DEYE	SUN-6K-SG01LP1-EU	<p>Input Supply Solar: 100-500 V d.c., 18/9 A, Max. 7800 W; IP65; Class I</p> <p>Input Supply battery: Lead Acid or Li-ion, 48 V d.c., Max. 190 A</p> <p>Input AC back-up: 230 V a.c., 50 Hz, 26 A, Max. 6600 W</p> <p>Output (Grid): 230 V a.c., 50 Hz, Max. 30 A, Max AC Output Power 6600 W; Max AC Output Apparent Power: 6600 VA; AC Output Rated Apparent Power: 6000 VA</p>
DEYE	SUN-5K-SG01LP1-EU	<p>Input Supply Solar: 100-500 V d.c., 11/11 A, Max. 6500 W; IP65; Class I</p> <p>Input Supply battery: Lead Acid or Li-ion, 48 V d.c., Max. 190 A</p> <p>Input AC back-up: 230 V a.c., 50 Hz, 21.7 A, Max. 5500 W</p> <p>Output (Grid): 230 V a.c., 50 Hz, Max. 25 A, Max AC Output Power 5500 W; Max AC Output Apparent Power: 5500 VA; AC Output Rated Apparent Power: 5000 VA</p>
DEYE	SUN-3.6K-SG01LP1-EU	<p>Input Supply Solar: 100-500 V d.c., 11/11 A, Max. 4680 W; IP65; Class I</p> <p>Input Supply battery: Lead Acid or Li-ion, 48 V d.c., Max. 190 A</p> <p>Input AC back-up: 230 V a.c., 50 Hz, 15.7 A, Max. 3960 W</p> <p>Output (Grid): 230 V a.c., 50 Hz, Max. 18 A, Max AC Output Power 3960 W; Max AC Output Apparent Power: 3960 VA; AC Output Rated Apparent Power: 3600 VA</p>
DEYE	SUN-8K-SG01LP1-EU-B	<p>Input Supply Solar: 100-500 V d.c., 18/18 A, Max. 10400 W; IP20; Class I</p> <p>Input Supply battery: Lead Acid or Li-ion, 48 V d.c., Max. 190 A</p> <p>Input AC back-up: 230 V a.c., 50 Hz, 35 A, Max. 8800 W</p> <p>Output (Grid): 230 V a.c., 50 Hz, Max. 40 A, Max AC Output Power 8800 W; Max AC Output Apparent Power: 8800 VA; AC Output Rated Apparent Power: 8000 VA</p>



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Page 2 of 3

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Page 3 of 3

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