

Applicant: NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJing Road, Daqi, Beilun, NingBo, China

Product: Hybrid Inverter

Model(s): SUN-5K-SG04LP3-EU, SUN-6K-SG04LP3-EU,
SUN-8K-SG04LP3-EU, SUN-10K-SG04LP3-EU,
SUN-12K-SG04LP3-EU

Use in accordance with regulations:

Hybrid inverter in accordance with CEI 0-21: 2022 with three-phase parallel coupling to the distribution network. The automatic disconnection device is an integral part of the aforementioned inverter. This serves as a replacement for the disconnection device with isolating function, which can be accessed the distribution network provider at any time.

Applied standards and guidelines:

CEI 0-21: 2022

Technical reference rule for the connection of active and passive users to the LV electricity distribution networks of companies.

TOPOLOGY OF THE DEVICE, WHICH THIS CERTIFICATE IS BASED ON:

INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
X	X	X	

Indicate with one x the field or fields to which the declaration refers.

FIRMWARE VERSION: Ver 1023

PHASE NUMBER: three-phase

NOTE:

The device is able to limit the I_{dc} to 0.5% of the nominal current.

The device is for plants of each power.

The inverters of NingBo Deye Inverter Technology Co., Ltd. have a maximum apparent power limit. In the case where a system should be able to reach in every working condition a determined power factor, it is necessary to set the maximum active power in such a way, that you can reach at any time the cos-phi wanted.

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements.

This verification does not imply assessment of the production of the product.

Report No: 211028BW001-EG-IT-C001, 211028BW001-EG-IT-C002

Verification No: HC5200-211028BW001-C001

Date of issue: 2022-06-21



James Huang

Technical Director / New Energy Department

Annex to Verification No.: HC5200-211028BW001-C001

Battery information:.....:	See the table below		
Manufacturer.....:	Ningbo Deye Inverter Technology Co., Ltd	JV (Asia Pacific) Limited	
Battery Model.....:	SUNB-5.0-G01-48-PC	SDA10-48100	
Capacity of each battery module (kWh) :	4,91	5,12	
Number(s) of battery modules recommended by the manufacturer...:	2-24	1-27	
Manufacturer.....:	Shanghai Green Tech Co., Ltd.	OK SOLAR LIMITED	
Battery Model.....:	GTEF-48V10K-W	OK-L 5KWH	OK-GL 5KWH
Capacity of each battery module (kWh) :	10,7	5,0	5,0
Number(s) of battery modules recommended by the manufacturer...:	1-15	3-15	3-15
Manufacturer.....:	DAQIN NEW ENERGY TECH (TAIZHOU) Co., LTD		
Battery Model.....:	B4850	B3	A48100
Capacity of each battery module (kWh) :	2,4	3,6	4,8
Number(s) of battery modules recommended by the manufacturer...:	3-16	2-16	2-9
Manufacturer.....:	SHENZHEN UZ ENERGY LIMITED		
Battery Model.....:	L051100-A	L051100-D	L051100-A1
Capacity of each battery module (kWh) :	5,12	5,12	5,12
Number(s) of battery modules recommended by the manufacturer...:	1-9	1-9	1-9