Manufacturer's Declaration

Manufacturer Reference Number					DY20220226Y015
1. Type of equipment to which the declaration refers					
Builder	NingBo Deye Inverter Technology Co., Ltd.				
Equipment type	Interface device	Interface protection	Static conversion device	Rotating generating device	
	X	X	X		
Template	SUN-5K-SG04LP3-EU	SUN-6K-SG04LP3-EU	SUN-8K-SG04LP3-EU	SUN-10K-SG04LP3-EU	SUN-12K-SG04LP3-EU
Firmware version	Ver 1115				
Nominal power	5KW	6KW	8KW	10KW	12KW
Number of phases	Three phases				
Note	The device is able to limit the Idc to 0.5% of the rated current. The device is for systems of any power The device uses a DC sensitive protection function The device is bidirectional				

2. References of the laboratories that carried out the tests and the related test files	
Test dossier no:	211028BW001-EG-IT-001/002
Issued by	Kiwa Primara GmbH
Accreditation	Dakks ISO/IEC 17065

Additional information:

3. The inverter listed above may be installed with following batteries:		
Manufacturer:	OK SOLAR LIMITED	
Battery Model	OK-L 5KWH	OK-GL 5KWH
Capacità per modulo [kWh]	5.12	
CUS module (kWh)	5.0	
Number of battery module recommended by the manufacturer	1-15	

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

4. The inverter listed above may be installed with following batteries:	
Manufacturer:	DAQIN NEW ENERGY TECH (TAIZHOU) Co.,LTD
Battery Model	A48100
Capacità per modulo [kWh]	4.8
CUS module (kWh)	4.8
Number of battery module recommended by the manufacturer	1-9
5. The inverter listed above may be installed with following batteries:	
Manufacturer:	JV (Asia Pacific) Limited
Battery Model	SDA10-48100
Capacità per modulo [kWh]	4.18
CUS module (kWh)	3.84
Number of battery module recommended by the manufacturer	1-16
6. The inverter listed above may be installed with following batteries:	
Manufacturer:	Pylon Technologies Co.,Ltd.
Battery Model	US2000C
Capacità per modulo [kWh]	2.4
CUS module (kWh)	2.28
Number of battery module recommended by the manufacturer	1-9
7. The inverter listed above may be installed with following batteries:	
Manufacturer:	NING BO DEYE ESS TECHNOLOGY CO., LTD
Battery Model	RW-M6.1/RW-M6.1-B
Capacità per modulo [kWh]	6.14
CUS module (kWh)	5.53
Number of battery module recommended by the manufacturer	1-32

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

8. The inverter listed above may be installed with following batteries:	
Manufacturer:	CF Energy Co., Ltd.
Battery Model	CFE-5100
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.8
Number of battery module recommended by the manufacturer	1-8
9. The inverter listed above may be installed with following batteries:	
Manufacturer:	Shanghai PYTES Energy Co., Ltd
Battery Model	E-BOX 48100R
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.608
Number of battery module recommended by the manufacturer	1-8

10. The inverter listed above may be installed with following batteries:		
Manufacturer:	V-TAC EXPORTS LIMITED	
Battery Model	VT-12040	VT-12040B
Capacità per modulo [kWh]	10.24	
CUS module (kWh)	9.216	
Number of battery module recommended by the manufacturer	1-4	
11. The inverter listed above may be installed with following batteries:		
Manufacturer:	Shanghai Dowell Technology Co., Ltd	
Battery Model	iPack C6.5	
Capacità per modulo [kWh]	6.5	
CUS module (kWh)	6.0	
Number of battery module recommended by the manufacturer	1-16	

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

12. The inverter listed above may be installed with following batteries:	
Manufacturer:	Pylon Technologies Co., Ltd.
Battery Model	US5000
Capacità per modulo [kWh]	4.8
CUS module (kWh)	4.56
Number of battery module recommended by the manufacturer	1-16

13. The inverter listed above may be installed with following batteries:	
Manufacturer:	V-TAC EXPORTS LIMITED
Battery Model	VT48200B
Capacità per modulo [kWh]	9.6
CUS module (kWh)	7.68
Number of battery module recommended by the manufacturer	1-15
14. The inverter listed above may be installed with following batteries:	
Manufacturer:	Zhongrui Green Energy Technology (Shenzhen)Co, Ltd
Battery Model	ZR-PBML
Capacità per modulo [kWh]	5.12
CUS module (kWh)	5.12
Number of battery module recommended by the manufacturer	1-15
15. The inverter listed above may be installed with following batteries:	
Manufacturer:	Shanghai Green Tech Co., Ltd.
Battery Model	GTEM-48V5.5K
Capacità per modulo [kWh]	5.50
CUS module (kWh)	5.25
Number of battery module recommended by the manufacturer	1-5

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

16. The inverter listed above may be installed with following batteries:		
Manufacturer:	SHENZHEN UZ ENERGY LIMITED	
Battery Model	L051100-A	L051100-A1
Capacità per modulo [kWh]	5.12	
CUS module (kWh)	5.12	
Number of battery module recommended by the manufacturer	1-9	

17. The inverter listed above may be installed with following batteries:	
Manufacturer:	TAB Tovarna akumulatorskih baterij d.d.
Battery Model	L5.1
Capacità per modulo [kWh]	5.10
CUS module (kWh)	4.947
Number of battery module recommended by the manufacturer	1-32

18. The inverter listed above may be installed with following batteries:	
Manufacturer:	SHENZHEN GSL ENERGY CO LTD
Battery Model	GSL051200A-B-GBP2
Capacità per modulo [kWh]	10.24
CUS module (kWh)	8.192
Number of battery module recommended by the manufacturer	1-16

19. The inverter listed above may be installed with following batteries:	
Manufacturer:	Hiconics Eco-energy Drive Technology Co., Ltd.
Battery Model	HEC-BAT-LVP50r3
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.864
Number of battery module recommended by the manufacturer	1-16

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

20. The inverter listed above may be installed with following batteries:	
Manufacturer:	V-TAC EXPORTS LIMITED
Battery Model	VT48100E-P2 /VT48100E-W /VE51100W
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.096
Number of battery module recommended by the manufacturer	1-15

21. The inverter listed above may be installed with following batteries:	
Manufacturer:	SHENZHEN UZ ENERGY LIMITED
Battery Model	PLPA-L1-10K2
Capacità per modulo [kWh]	10.24
CUS module (kWh)	10.24
Number of battery module recommended by the manufacturer	1-16

22. The inverter listed above may be installed with following batteries:	
Manufacturer:	WECO SRL
Battery Model	5K3-XP-EU
Capacità per modulo [kWh]	5.3
CUS module (kWh)	5.3
Number of battery module recommended by the manufacturer	1-15

23. The inverter listed above may be installed with following batteries:	
Manufacturer:	V-TAC EXPORTS LIMITED
Battery Model	VT-5139
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.608
Number of battery module recommended by the manufacturer	1-4

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

24. The inverter listed above may be installed with following batteries:	
Manufacturer:	SHENZHEN UZ ENERGY LIMITED
Battery Model	PLPA-L1-5K1
Capacità per modulo [kWh]	5.12
CUS module (kWh)	5.12
Number of battery module recommended by the manufacturer	1-32
25. The inverter listed above may be installed with following batteries:	
Manufacturer:	NINGBO DEYE ESS TECHNOLOGY CO., LTD
Battery Model	SE-G5.1 Pro/SE-G5.1 Pro-B
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.608
Number of battery module recommended by the manufacturer	1-32

26. The inverter listed above may be installed with following batteries:	
Manufacturer:	V-TAC EXPORTS LIMITED
Battery Model	VE51280W
Capacità per modulo [kWh]	14.33
CUS module (kWh)	11.464
Number of battery module recommended by the manufacturer	1-8
27. The inverter listed above may be installed with following batteries:	
Manufacturer:	SHENZHEN SAKO SOLAR CO.,LTD
Battery Model	SK-51.2V100Ah (Li-Super series) /SK-51.2V100Ah (Li-Smart series)
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.608
Number of battery module recommended by the manufacturer	1-15

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China

28. The inverter listed above may be installed with following batteries:	
Manufacturer:	NINGBO DEYE ESS TECHNOLOGY CO., LTD.
Battery Model	AI-W5.1 /AI-W5.1-B
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.608
Number of battery module recommended by the manufacturer	1-36
29. The inverter listed above may be installed with following batteries:	
Manufacturer:	SHENZHEN GSL ENERGY CO LTD
Battery Model	GSL051100A-B-GBP2
Capacità per modulo [kWh]	5.12
CUS module (kWh)	4.096
Number of battery module recommended by the manufacturer	1-8
30. The inverter listed above may be installed with following batteries:	
Manufacturer:	Sunwoda Energy Technology Co., Ltd.
Battery Model	SunESS-5 (Battery Module: B051100P03)
Capacità per modulo [kWh]	5.0
CUS module (kWh)	5.0
Number of battery module recommended by the manufacturer	1-12

16. Declaration of conformity with the requirements of CEI 0-21: 2022-03+ V1:2022-11+V2:2024-01

With this declaration, drawn up pursuant to article 47 of Presidential Decree 28 December 2000, number 445, the undersigned DAI YADONG, as representative of the company NingBo Deye Inverter Technology Co., Ltd.No. 26 South YongJing Road, Daqi, Beilun, NingBo, China registered in the business register of the District Court of (City) **Ningbo Beilun Market Supervision** with registration number 91330200665572062U

DECLARE

that the inverters of its own construction, referred to in point 1 above, comply with the requirements of the CEI 0-21: 2022-03 and variant V1:2022-11 and variant V2:2024-01 Standard. It also certifies that the production of the devices takes place under a quality system (according to ISO 9001:2015.Certificate registration no.50052889 QM15).



Name : Dai Yadong
On behalf of: Ningbo Deye Inverter Technology Co., Ltd.
Date (yyyy-mm-dd): 2025-01-13
Place: Ningbo, China

Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China