

Certificate

of Conformity

Registered No.:
COCPPV01036/25E-001

File reference
PVP01036/25E-001

Test report No.
TRPVP01036/25E/001

Date of issue
2025-06-19

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

Applicant: **Dyness Digital Energy Technology Co., LTD.**
Building 5, 688 Liupu Road, Wuzhong District, Suzhou City, 215100
Jiangsu, P.R. China

Manufacturer: **Dyness Digital Energy Technology Co., LTD.**
Building 5, 688 Liupu Road, Wuzhong District, Suzhou City, 215100
Jiangsu, P.R. China

Factory : **Daqin New Energy Tech (Taizhou) Co., Ltd.**
No.511 West Chenzhuang Road, Sanshui Street, Jiangyan District,
Taizhou City, Jiangsu, P.R. China

Product: Energy Storage System

Type designation: DH100F-S00L01C70, DH100F-S01L01C70, DH100F-S02L01C70,
DH100F-S00L01C80, DH100F-S01L01C80, DH100F-S02L01C80,
DH100F-S00L01C100, DH100F-S01L01C100, DH100F-S02L01C100

Type of equipment: ☒ Interface device
☒ Interface protection
☒ Static conversion device
☐ Rotary generation device
Remark: The device is for plants above 11.08kVA.

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-21:2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01,
CEI 0-21; V2/EC:2024-03, CEI 0-21; V2/EC2:2025-02
See test report for detailed information.

Certification body: **TÜV NORD (HANGZHOU) CO., LTD.**
Room E409, Building 1, No. 9, Jiuhuan Road, Shangcheng



Renewable Energy

GRID-T-004 COC



中国认可
产品
PRODUCT
CNAS C183-P

TÜV NORD (HANGZHOU) CO., LTD.
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P.R. China

District, Hangzhou City, Zhejiang Province, 310019, P.R. China
Accredited by CNAS according to ISO/IEC 17065:2012, certificate no.
CNAS C183-P.

Testing laboratory:

Dongguan BALUN Testing Technology Co., Ltd.

Room 104/204/205, Building 1, No. 6, Industrial South Road, Songshan
Lake District, Dongguan, Guangdong, China

Accredited by CNAS according to ISO/IEC 17025:2017, certificate no.
CNAS L14701

Conclusion:

After verifying following documents, it is concluded that the product is in
compliance with the requirements of

CEI 0-21:2022-03, CEI 0-21; V1:2022-11, CEI 0-21; V2:2024-01,
CEI 0-21; V2/EC:2024-03, CEI 0-21; V2/EC2:2025-02.

☒ ISO 9001 certificate:

Certificate no. 0350724Q30095R0M-1, issued by XINYUAN
CERTIFICATION CENTER CO., LTD.

☒ Test report of CEI 0-21:2022-03, CEI 0-21; V1:2022-11,
CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03, CEI 0-21;
V2/EC2:2025-02.

Report no. BL-DG2530187-201, issued by Dongguan BALUN Testing
Technology Co., Ltd., accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L14701

This document is based on the evaluation of the samples of the above mentioned product(s). It does not
imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV
NORD mark. The holder of this document may use it in connection with the related test report(s).



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Version 1.1

Description of product(s):

Model types:	DH100F-S00 L01C70	DH100F-S01 L01C70	DH100F-S02 L01C70	DH100F-S00 L01C80	DH100F-S01 L01C80	DH100F-S02 L01C80
General information						
Software version:	DQ13001_11024121701					
PV Parameters						
Vmax PV [Vd.c.]	-	1000		-	1000	
Mpp voltage range [V d.c.]	-	300~1000		-	300~1000	
Isc PV [A d.c.]	-	100	100/100	-	100	100/100
PV input power [kW]	-	25	50	-	30	60
Overvoltage category (OVC)	II					
AC Parameters						
Rated Input/Output voltage [Va.c.]	400, 3P4L+PE					
Rated Input/Output frequency [Hz]	50/60					
Rated Input/Output power [kW]	35			40		
Rated Input/Output power [kVA]	35			40		
Max. Input/Output current [A a.c.]	60			74		
Power factor cosφ [λ].....	0.8Leading~0.8Lagging					
Overvoltage category (OVC).....	III					
Battery parameters:						
Voltage range[V d.c.].....	232~288			278.4~345.6		
Max. Charge/Discharge Current [Ad.c.].....	160					



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Overvoltage category (OVC).....:	II
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Model types:	DH100F-S00 L01C100	DH100F-S01 L01C100	DH100F-S02 L01C100
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General information

Software version:	DQ13001_11024121701
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PV Parameters

Vmax PV [Vd.c.]	-	1000	
Mpp voltage range [V d.c.]:	-	300~1000	
Isc PV [A d.c.] :	-	100	100/100
PV input power [kW]:	-	35	70
Overvoltage category (OVC) :	II		

AC Parameters

Rated Input/Output voltage [Va.c.]	400, 3P4L+PE
Rated Input/Output frequency [Hz]	50/60
Rated Input/Output power [kW]	50
Rated Input/Output power [kVA]	50
Max. Input/Output current [A a.c.]	86
Power factor cosφ [λ].....:	0.8Leading~0.8Lagging
Overvoltage category (OVC).....:	III

Battery parameters:

Voltage range[V d.c.].....:	324.8~403.2
Max. Charge/Discharge Current [Ad.c.].....:	160



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Overvoltage category (OVC).....:	II
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Remark: The inverters listed above may be installed with the following batteries:

Manufacturer..... :	Dyness Digital Energy Technology Co., LTD.								
Battery Model :	HV51280F								
Capacity of each battery module (kWh)..... :	14.336								
Model types:	DH100 F-S00 L01C70	DH100 F-S01 L01C70	DH100 F-S02 L01C70	DH100 F-S00 L01C80	DH100 F-S01 L01C80	DH100 F-S02 L01C80	DH100 F-S00 L01C10 0	DH100 F-S01 L01C10 0	DH100 F-S02 L01C10 0
Number(s) of battery modules recommended by the manufacturer..... :	5			6			7		
Firmware... :	2410100203								
Note: The batteries are not integrated into the inverter and must be installed according to the local regulations.									



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