TÜVNORD

Certificate

of Conformity

This certifies that below described product(s) of the company:

Shandong Dahai New Energy Development Co., Ltd.
North of Qi Highway, West of Xikang Road, Guangrao Development Zone, Dongying City, Shandong Province, China

comply to the essential requirements of the following standards

Manufacturer and factory(-ies):	See Annex 1
Trademark:	See Annex 1
Description of product(s) (details see Annex 2):	**Rechargeable Li-ion Liquid-cooled Energy Storage System**
Certification program:	P31-VA-01 Rev. 03 / 02.25 Certification scheme type: type 1a acc. to ISO/IEC 17067:2013
Certification fundamental(s):	EN 62477-1:2012+A12:2021

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of TÜV NORD CERT GmbH.
The company may use this certificate as a basis of compliance with 2014/35/EU - low voltage directive, together with EU declaration of conformity (DoC) issued by the company. The CE marking may be affixed on the product if all relevant and effective directives and requirements are complied with, under full responsibility of the company.

Registration no.:	44 799 26 406749 - 246
Report no.:	492014532.001
File no.:	PVP03047/26E-005

Essen, 2026-07-01

Certification Body - Energy Storage Systems

TÜV NORD CERT GmbH
Am TÜV 1, 45307 Essen, Germany
tuev-nord-cert.de | prodcert@tuev-nord.de

Please also pay attention to the information stated overleaf.

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Scan the QR code or visit https://cis.tuv-nord.com.cn to verify the validity of the certificate

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Annex 1

to certificate registration no. 44 799 26 406749 - 246

Manufacturer:

Shandong Dahai New Energy Development Co., Ltd.
North of Qi Highway, West of Xikang Road, Guangrao Development Zone, Dongying City, Shandong Province, China

Trademark:

DAHAI

Factory:

Shandong Dahai New Energy Development Co., Ltd.
North of Qi Highway, East of Qian Road, Guangrao Development Zone, Dongying City, Shandong Province, China

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Annex 2

to certificate registration no. 44 799 26 406749 - 246

Description of product(s):

Model type ..... :	DH261L-125K
System	
Nominal weight..... :	2750 ± 30kg
Nominal dimension ..... :	(1350±3)mm x (1000±3)mm x (2300±3)mm (D*W*H)
Operation ambient temperature ..... :	-30°C to 55°C (with liquid cooling system)
Watt-hour..... :	261248Wh
Rated capacity ..... :	314Ah
Recommended (rated) charge method ..... :	Charge at a constant power 125kW at a temperature of 25°C ± 2°C until the maximum cell voltage reaches 3.6 V or total voltage reaches 936V
Recommended (rated) discharge method ..... :	Discharge at a constant power of 125KW at a temperature of 25°C ± 2°C until the minimum cell voltage reaches 2.7 V or total voltage reaches 702V
Recommend storage temperature range..... :	From -20°C to 45°C (Within one month) From -20°C to 25°C (Within six month)
IP rating/ Enclosure index..... :	IP 54
Protective Class ..... :	I
Altitude [m]..... :	≤ 2000m
Battery side	
Overvoltage Category (OVC) of DC Power ..... :	II
Nominal voltage..... :	832.0V
Maximum charge current ..... :	186A

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Annex 2

to certificate registration no. 44 799 26 406749 - 246

Maximum charge voltage..... :	936V
Charge temperature range..... :	From 1°C to 55°C
Maximum discharge current..... :	186A
Discharge cut-off voltage..... :	702.0V
Discharge temperature range ..... :	From -29°C to 55°C
AC side	
Overvoltage Category (OVC) of AC Power ..... :	III
Rated input/output AC power..... :	125kW
Max. input/output apparent power.. :	137.5kVA
Rated grid voltage ..... :	3L/N/PE AC 400V
Rated grid frequency ..... :	50/60Hz
Max. input/output AC current ..... :	AC 216A
AC wiring type..... :	3L/N/PE

Remark:
For detailed product information, please refer to CDF (Constructional Data Form) in the associated report.

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