

CERTIFICATE

of conformity with the following European Directives

Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

Shenzhen Growatt New Energy Co., Ltd.

4-13/F. Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China

comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product(s): Balcony Solar Storage

Model type(s): NEXA 2000, NEXA 2000-IT

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 the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity. The CE marking may be affixed on the product if all relevant and effective Directives are complied with, under full responsibility of the holder.

Certification program: P31-VA-01 Rev. 02 / 04.20

Certification fundamental(s): EN 62109-1:2010, EN 62109-2:2011,
EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021

Registered no.: 44 799 25 406749 - 065

Report no.: 492013684.001

File no.: PVP11081/24E-001

A blue ink signature, likely of a representative of TÜV NORD CERT GmbH.

TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2025-03-13

ANNEX

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Description of product(s):

Balcony Solar Storage		
Model or Type designation	NEXA 2000	NEXA 2000-IT
PV terminal		
Max. PV Voltage [Vd.c.]..... :	60	
Max. PV Input Current [Ad.c.]..... :	4*20	
Max. PV Input Power [W]..... :	4*650	
MPPT Voltage Range [Vd.c.]..... :	16-60	
Isc [Ad.c.] :	4*25	
Overvoltage Category (OVC)..... :	II	
Battery Data		
Battery Rated Voltage [Vd.c.] :	51.2	
Max. Charge/ Discharge Current [Ad.c.] :	40	
Battery capacity [Wh] :	2048	
Type Of Battery..... :	LFP	
On-grid terminal		
Rated Voltage [Va.c.]..... :	220/230/240; L+N+PE	
Rated Frequency [Hz]..... :	50/60	
Max. Output Current [Aa.c.] :	3.5	
Max. Output Power [W]..... :	800	799
Max. Output apparent Power [VA]..... :	800	799
Power Factor cosφ [λ]..... :	>0.99 (-0.8~+0.8)	
Off-grid terminal		
Rated Output Voltage [Va.c.]..... :	230; L+N+PE	
Rated Frequency [Hz]..... :	50/60	



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Max. Output Current [Aa.c.]	3.5
Max. Output Power [W].....	800
Max. Output apparent Power [VA]	800
Power Factor $\cos\phi$ [λ].....	-0.8 ~ +0.8
System	
Type of inverter	Isolated
Protective Class	Class I
Ingress protection	IP66
Pollution degree	External PD3, Internal PD2
Operating Temperature Range [°C].....	Discharge: -20 ~ + 55 (derating at 37) Charge: 0 ~ + 55
Software version	SW-V1.0

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 4 of evaluate report.