

EU-Type Examination Certificate

Certificate Number T.2024.05.0012

Certificate Holder Shenzhen Growatt New Energy Co.,Ltd

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

Product Model Name NOAH 2000

Product Description NOAH 2000 Battery

Manufacturer Huizhou Growatt Smart Energy Co.,Ltd
(if different from Certificate Holder)

Type Examination Certificate	In accordance with Annex III of Council Directive 2014/53/EU, Radio Equipment Directive (RED), and the mutual recognition of their conformity we give our opinion that the submitted documentation for the apparatus identified above complies with the requirements of the directive in the scope stated below.
Marking	The apparatus shall be marked with the CE mark as required by the Council Directive 2014/53/EU.
Validity	The conformity stated in this EU-Type Examination Certificate is provided until the assessed type of equipment or the standard(s) has(have) undergone changes or modifications but not later than 10 years after the issue date of this certificate.
Annex	The certificate is only valid together with the annex.

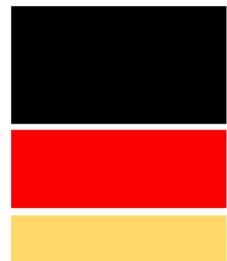
CE 2784

St. Ingbert, 10.05.2024

Place, issue date

Oliver Kneip

Name & authorized Signature



Conformity Assessment

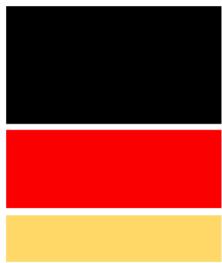
Essential Requirement	Examined Documentation	Result
Safety RED, Article 3.1a	Technical Documentation	conform
Health RED, Article 3.1a	Technical Documentation	conform
EMC RED, Article 3.1b	Technical Documentation	conform
Radio Spectrum RED, Article 3.2	Technical Documentation	conform
Additional Requirements RED, Article 3.3 d	Technical Documentation	not assessed
RED, Article 3.3 e		not assessed
RED, Article 3.3 f		not assessed
RED, Article 3.3 g		not assessed
RED, Article 3.4		not assessed

Product Characteristics

Brand Name	N/A
Hardware Version	V1.0.0
Software Version	V1.0.0
Operating Frequency	Wi-Fi 2.4G
Output Power	16.44 dBm EIRP
Antenna	external Antenna
Temperature	0°C - +45°C

Evaluated Test Reports

Essential Requirement	Examined Documentation
Safety RED, Article 3.1a	EN IEC 62368-1:2020+A11:2020 Report-No.: DGS240326019D issued by Dongguan NTEK Testing Service Co., Ltd.
Health RED, Article 3.1a	EN IEC 62311:2020 Report-No.: DGE240326019R03 issued by Dongguan NTEK Testing Service Co., Ltd.
EMC RED, Article 3.1b	ETSI EN 301 489-1 V2.2.3 :2019-11, ETSI EN 301 489-17 V3.2.4 :2020-09 Report-No.: DGE240326019R01 issued by Dongguan NTEK Testing Service Co., Ltd.



Radio Spectrum
RED, Article 3.2

ETSI EN 300 328 V2.2.2(2019-07)

Report-No.: DGE240326019R02 issued by Dongguan NTEK
Testing Service Co., Ltd.

Limitations / Restrictions

- RF exposure was evaluated with a minimum separation distance of 20 cm.
- The assessed Technical Construction File is part of the application.

Notes

- Changes / Amendments of the specified regulations and standards during the validity of this certificate require a re-assessment of the product before placement on the market.
- The manufacturer is obliged to take all necessary measures to ensure ongoing conformity of the manufactured product with the approved type as described in this certificate and the requirements of Directive 2014/53/EU.
- The CE mark shall be affixed to each item of radio equipment that is in conformity with the type described in this certificate and that satisfies the applicable Directive requirements.
- A copy of the Declaration of Conformity drawn up by the manufacturer for each radio equipment type shall be made available to the relevant authorities and must be kept at their disposal for at least 10 years after the radio equipment has been placed on the market.

EU-Type Examination Certificate

Certificate No.: IQTS20241440CC101

IQTS

CERTIFICATE OF COMPLIANCE

Applicant:	Shenzhen Growatt New Energy Co., Ltd
Address of Applicant:	4-13/F. Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China
Manufacturer:	Huizhou Growatt Smart Energy Co., Ltd.
Address of Manufacturer:	Building 4-6, No. 5 Xingju West Road, Dongxing District,Dongjiang Science and Technology Park, Zhongkai High Tech Zone, Huizhou, Guangdong, China
Product Description:	Balcony Solar Storage
Trademark:	GROWATT
Model No.:	NOAH 2000
Test Report No.:	IQTS20241440RC101

The submitted products have been tested by us with the listed standards and found in compliance with the following European Directives:

(EU) 2015/863 amending Annex II to ROHS Directive 2011/65/EU

The Restriction of The Use of Certain Hazardous Substances In Electrical and Electronic Equipment

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)

IEC 62321-3-1:2013; IEC 62321-4:2013+A1:2017;IEC 62321-5:2013;IEC 62321-6:2015;

IEC 62321-7-1:2015; IEC 62321-7-2:2017; IEC 62321-8:2017

The tests were performed in normal operation mode. The test results apply only to the particular sample tested and to the specific tests carried out. This certificate applies specifically to the sample investigated in our test reference number only.

The CE markings as shown below can be affixed on the product after preparation of necessary technical documentation.

Other relevant Directives have to be observed.



Shenzhen Union Certification Testing Co., Ltd.

Rm.517-518, Block 1, No.6352, Pingshan Boulevard, Kengzi, Pingshan, Shenzhen, Guangdong, China

Tel: +86-755-89210082 Fax: +86-755-89210082 Website: www.iqts-lab.com



CERTIFICATE OF CONFORMITY

According to: Electromagnetic Compatibility Regulations 2016
(UK SI 2016 No. 1091)

Ref. No.: DGE240326020R

Product: NOAH 2000 Battery
Applicant: Shenzhen Growatt New Energy Co.,Ltd
Address: 4-13/F, Building A, Sino-German(Europe) Industrial Park,
Hangcheng Ave, Bao'an District, Shenzhen, China
Manufacturer : Huizhou Growatt Smart Energy Co., Ltd
Address: Building 4-6, No. 5 Xingju West Road, Dongxing District,Dongjiang
Science and Technology Park, Zhongkai High Tech Zone, Huizhou,
Guangdong, China
Model: NOAH 2000

The test sample of product has passed the test according to requirements of the following standards:

Standard(s): Refer to attachment Test report(s) No.: Refer to attachment

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the regulation(s) listed on this verification at the time the tests were carried out. Other standards and Regulations may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it<them>.



Once compliance with all product relevant mark regulations are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Dongguan NTEK Testing Service Co., Ltd.

Room101/401, Building 3, No.1, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

Tel: +86-769-2330 1618 Fax: +86-769-2330 1618 E-mail:cs-dg@gdntek.org.cn <http://www.ntek-test.org.cn>

**CERTIFICATE OF CONFORMITY**

According to: Electromagnetic Compatibility Regulations 2016
(UK SI 2016 No. 1091)

Ref. No.: DGE240326020R

Attachment:

Standard(s):		Test report(s) No.:
Article 3.1a)	BS EN IEC 62368-1:2020+A11:2020	DGS240326020D
	BS EN 62479:2010	DGE240326019R03
Article 3.1b)	ETSI EN 301 489-1 V2.2.3 (2019-11)	DGE240326019R01
	ETSI EN 301 489-17 V3.2.4 (2020-09)	
Article 3.2	ETSI EN 300 328 V2.2.2 (2019-07)	DGE240326019R02



Approved by/Date:



Dongguan NTEK Testing Service Co., Ltd.

Room101/401, Building 3, No.1, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

Tel: +86-769-2330 1618 Fax: +86-769-2330 1618 E-mail:cs-dg@gdntek.org.cn http://www.ntek-test.org.cn