

**VERIFICATION**  
**of Conformity**  
**Directive 2014/53/EU**  
**On The Radio Equipment Directive**

**Verification No.** : AT1811C600106125

**Report No.** : Please see page 2(Technical Documentation Identification)

**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

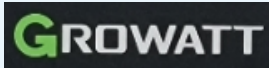
**Product Name** : AC-Coupled Balcony Solar Storage

**Date** : 2026-04-30

**Manufacturer** : Shenzhen Growatt New Energy Co., Ltd.

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

**Model No.** : AURA 5000-2500, AURA 5000-799, AURA 5000-800

**Trade Mark** : 

**Rating(s)** : Please refer to page 2.

| The radio equipment meets the following essential requirements |                                                                                                                                                                                | Complied |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Article 3(1)(a)<br>■ Safety                                    | EN IEC 62477-1:2023                                                                                                                                                            | Yes      |
| Article 3(1)(a)<br>■ Health                                    | EN IEC 62311: 2020; EN 50665: 2017                                                                                                                                             | Yes      |
| Article 3(1)(b)<br>■ EMC                                       | ETSI EN 301 489-1 V2.2.3 (2019-11)<br>ETSI EN 301 489-3 V2.3.2 (2023-01)<br>ETSI EN 301 489-17 V3.3.1 (2024-09)<br>EN IEC 61000-3-2:2019+A2:2024<br>EN 61000-3-3:2013+A2: 2021 | Yes      |
| Article 3(2)<br>■ Radio                                        | ETSI EN 300 328 V2.2.2 (2019-07)<br>ETSI EN 300 220-1 V3.1.1 (2017-02)<br>ETSI EN 300 220-2 V3.3.1 (2025-03)                                                                   | Yes      |

Note: The attached Annex forms part of this verification which consists of 2 pages.

**Certified by**



**Hugo Chen**

The CE Marking may only be used if all relevant and effective EU Directives are complied with

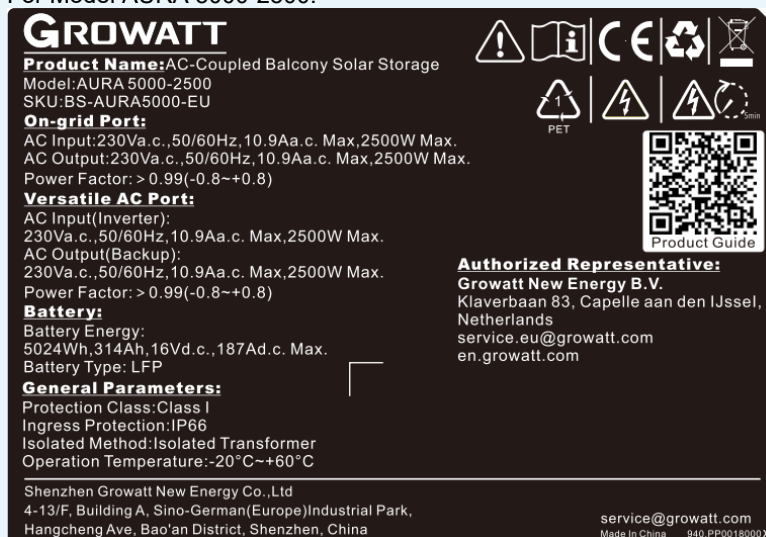
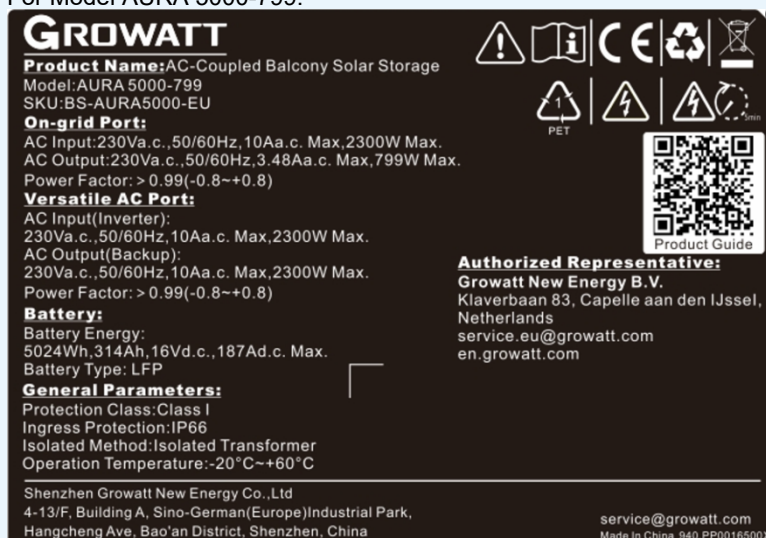
Shenzhen Anbotech Compliance Laboratory Limited  
Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology  
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**Annex  
of RED Verification  
Verification Number: AT1811C600106125**

| Product Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Frequency Range:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | BLE: 2402MHz to 2480MHz<br>WiFi 2.4G: 2412MHz to 2472MHz<br>LoRa: 863.5MHz to 869.5MHz |
| Maximum Output Power:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BLE: 0.46dBm Max.<br>WiFi 2.4G: 14.36dBm Max.<br>LoRa: 9.49dBm Max.                    |
| Modulation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BLE: GFSK<br>WiFi 2.4G: DSSS, OFDM<br>LoRa: FSK                                        |
| Max. Antenna Gain:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BLE&WiFi 2.4G: 3.5dBi<br>LoRa: 2dBi                                                    |
| Type of Antenna:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | BLE&WiFi 2.4G: External Antenna<br>LoRa: External Antenna                              |
| <b>Rating(s):</b><br>For Model AURA 5000-2500: <div data-bbox="406 831 1174 1366" data-label="Complex-Block">  <p><b>GROWATT</b><br/> <b>Product Name:</b> AC-Coupled Balcony Solar Storage<br/> Model: AURA 5000-2500<br/> SKU: BS-AURA5000-EU<br/> <b>On-grid Port:</b><br/> AC Input: 230Va.c., 50/60Hz, 10.9Aa.c. Max, 2500W Max.<br/> AC Output: 230Va.c., 50/60Hz, 10.9Aa.c. Max, 2500W Max.<br/> Power Factor: &gt; 0.99(-0.8~+0.8)<br/> <b>Versatile AC Port:</b><br/> AC Input(Inverter):<br/> 230Va.c., 50/60Hz, 10.9Aa.c. Max, 2500W Max.<br/> AC Output(Backup):<br/> 230Va.c., 50/60Hz, 10.9Aa.c. Max, 2500W Max.<br/> Power Factor: &gt; 0.99(-0.8~+0.8)<br/> <b>Battery:</b><br/> Battery Energy:<br/> 5024Wh, 314Ah, 16Vd.c., 187Ad.c. Max.<br/> Battery Type: LFP<br/> <b>General Parameters:</b><br/> Protection Class: Class I<br/> Ingress Protection: IP66<br/> Isolated Method: Isolated Transformer<br/> Operation Temperature: -20°C~+60°C<br/> <br/> Shenzhen Growatt New Energy Co., Ltd<br/> 4-13/F, Building A, Sino-German(Europe)Industrial Park,<br/> Hangcheng Ave, Bao'an District, Shenzhen, China<br/> <br/> service@growatt.com<br/> Made in China 940.PP0018000X</p> </div> |                                                                                        |
| For Model AURA 5000-799: <div data-bbox="406 1420 1174 1955" data-label="Complex-Block">  <p><b>GROWATT</b><br/> <b>Product Name:</b> AC-Coupled Balcony Solar Storage<br/> Model: AURA 5000-799<br/> SKU: BS-AURA5000-EU<br/> <b>On-grid Port:</b><br/> AC Input: 230Va.c., 50/60Hz, 10Aa.c. Max, 2300W Max.<br/> AC Output: 230Va.c., 50/60Hz, 3.48Aa.c. Max, 799W Max.<br/> Power Factor: &gt; 0.99(-0.8~+0.8)<br/> <b>Versatile AC Port:</b><br/> AC Input(Inverter):<br/> 230Va.c., 50/60Hz, 10Aa.c. Max, 2300W Max.<br/> AC Output(Backup):<br/> 230Va.c., 50/60Hz, 10Aa.c. Max, 2300W Max.<br/> Power Factor: &gt; 0.99(-0.8~+0.8)<br/> <b>Battery:</b><br/> Battery Energy:<br/> 5024Wh, 314Ah, 16Vd.c., 187Ad.c. Max.<br/> Battery Type: LFP<br/> <b>General Parameters:</b><br/> Protection Class: Class I<br/> Ingress Protection: IP66<br/> Isolated Method: Isolated Transformer<br/> Operation Temperature: -20°C~+60°C<br/> <br/> Shenzhen Growatt New Energy Co., Ltd<br/> 4-13/F, Building A, Sino-German(Europe)Industrial Park,<br/> Hangcheng Ave, Bao'an District, Shenzhen, China<br/> <br/> service@growatt.com<br/> Made in China 940.PP0016500X</p> </div>                             |                                                                                        |

For Model AURA 5000-800:

**GROWATT**

**Product Name:** AC-Coupled Balcony Solar Storage  
Model: AURA 5000-800  
SKU: BS-AURA5000-EU

**On-grid Port:**  
AC Input: 230Va.c., 50/60Hz, 10Aa.c. Max, 2300W Max.  
AC Output: 230Va.c., 50/60Hz, 3.5Aa.c. Max, 800W Max.  
Power Factor: > 0.99(-0.8~+0.8)

**Versatile AC Port:**  
AC Input(Inverter):  
230Va.c., 50/60Hz, 10Aa.c. Max, 2300W Max.  
AC Output(Backup):  
230Va.c., 50/60Hz, 10Aa.c. Max, 2300W Max.  
Power Factor: > 0.99(-0.8~+0.8)

**Battery:**  
Battery Energy:  
5024Wh, 314Ah, 16Vd.c., 187Ad.c. Max.  
Battery Type: LFP

**General Parameters:**  
Protection Class: Class I  
Ingress Protection: IP66  
Isolated Method: Isolated Transformer  
Operation Temperature: -20°C~+60°C

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

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Made In China 940.PP0016500X

## Technical Documentation Identification

| Test Report                 |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Article 3(1)(a)<br>■ Safety | 1811C50638122201                                            |
| Article 3(1)(a)<br>■ Health | 1811C60010612502H                                           |
| Article 3(1)(b)<br>■ EMC    | 1811C60010612501E                                           |
| Article 3(2)<br>■ Radio     | 1811C60010612503W<br>1811C60010612504W<br>1811C60010612505W |

## Notes:

1. The verification of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in compliance with the requirements of article 3 of the Radio Equipment Directive 2014/53/EU. The verification does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the verification is authorized to use this verification in connection with EU declaration of conformity to article 18 of the Directive.

2. The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the verification and satisfies the applicable requirement of the Directive.

3. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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