ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

EU Type Examination Certificate

Certificate No: TPS-RED500873 i01

Certificate Holder:	**Sungrow Power Supply Co., Ltd.** No. 1699 Xiyou Road, New & High Technology Industrial Development Zone, 230088 Hefei, Anhui PEOPLE'S REPUBLIC OF CHINA
Product Type:	**LTE Device** **Data Logger**
Model(s):	**Logger1000A** **Logger1000B** **Logger1000A-EU**

We, as Notified Body number 0123, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements:	Article 3.3 (d) in respect to network protection *Applies from the 1st August 2025 Article 3.3 (e) in respect of ensuring the security of personal data and privacy *Applies from the 1st August 2025

The certificate has been issued in accordance with the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Product Service GmbH (Notified Body Number 0123).

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the following pages.
For further details related to this certification please contact ps.zert@tuvsud.com

This is based upon examination of the following Technical Data file.

Technical Documentation:	Sungrow Logger1000(v) RED TCF
Valid from:	2025-02-14

The RED state of the art for this certificate will be monitored for 5 years after the issue date until 2030-02-10. After this 5-year period the certificate will be required to be up issued or will be automatically withdrawn.

(Peter Jia)

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1 Equipment Description

The device is a data logger with 2.4GHz / 5GHz WiFi and LTE function.

1.1 Models

Model		Variant HW/SW Differences	HW Version	SW Version
Original	Logger1000A Logger1000B Logger1000A-EU	Logger1000A and Logger1000A-EU support 2.4GHz and 5GHz Wifi and LTE, Logger1000B only supports 2.4GHz and 5GHz Wifi	V01	M_Logger1000_V01_V01_A

1.2 Supported Functions and Features

1.2.1 Non-radio features

Rated input voltage: 24 VDC, 1.25A; Output voltage: 24 VDC, 0.5A;

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
IEEE 802.11 – 5.8 GHz	GFSK	5725-5850MHz	≤13.98dBm
IEEE 802.11 – 2.4 GHz	b/g/n Adaptive	2400-2483.5MHz	≤20.0dBm
IEEE 802.11 – 5 GHz	a/n/ac Adaptive	5150-5350MHz 5470-5725MHz	≤20.0dBm
LTE	QPSK / 16QAM Power Class 3	Band 1 Band 3 Band 7 Band 8 Band 20 Band 28A Band 38 Band 40	23±2dBm 23±2dBm 23±2dBm 23±2dBm 23±2dBm 23±2dBm 23±2dBm 23±2dBm

1.3 Accessories

Model/Part Number	Description
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2 Assessed Standards

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Essential Requirement	Assessed Standard
Article 3.3(d) [Network protection]	EN 18031-1:2024
Article 3.3(e) [Personal data and privacy]	EN 18031-2:2024

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

CE RED-DOC_Logger1000, draft	Dated	2024-12-10
Declaration letter for model difference	Dated	2024-11-29

3.3 Strategic Documentation

Threat Modeling STRIDE Logger1000	Issued	2024-08-30
Justification of Conformity of Sungrow RED	Modified	2025-01-24

3.4 Technical Compliance Documentation

3.4.1 Article 3.3(d)

874902402145	Issued	2025-01-20

3.4.2 Article 3.3(e)

874902402145	Issued	2025-01-20

4 Additional Information

None.

5 Conditions of Validity

For complete conformity to the Radio Equipment Directive requirements as applicable inside the European Union, this product requires the essential requirements of RED Article 3.1(a), 3.1(b) and 3.2 that are not covered on this Type Examination Certificate.

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