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

Product Service

EU Type Examination Certificate

Certificate No: TPS-RED500957 i01

Certificate Holder:	**Huawei Digital Power Technologies Co., Ltd.** Office 01, 39th Floor, Block A Antuoshan Headquarters Towers 33 Antuoshan 6th Road, Futian District 518043 Shenzhen PEOPLE'S REPUBLIC OF CHINA
Product Type:	**Wireless LAN equipment** **SOLAR INVERTER**
Model(s):	SUN5000-12K-MAP0, SUN5000-8K-MAP0, SUN2000-12K-MAP0, SUN2000-10K-MAP0-BE, SUN2000-10K-MAP0, SUN2000-8K-MAP0, SUN2000-6K-MAP0, SUN2000-5K-MAP0

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

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:	SUN2000MA (v) RED TCF
Valid from:	2025-05-20

The RED state of the art for this certificate will be monitored for 5 years after the issue date until 2030-05-15. During this time, the certificate might be re-evaluated if underlying standards change. In any case, after this 5-year period the certificate will be required to be up re-issued or will be automatically withdrawn.

(Peter Jia)

Issued by TÜV SÜD Product Service under document number: RED6A 114387 0163 Rev. 00
TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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1 Equipment Description

SOLAR INVERTER is a radio equipment supporting Wi-Fi at 2.4GHz.

1.1 Models

	Model	HW Version	SW Version	OS Version
Original	SUN5000-12K-MAP0, SUN5000-8K-MAP0, SUN2000-12K-MAP0, SUN2000-10K-MAP0-BE, SUN2000-10K-MAP0, SUN2000-8K-MAP0, SUN2000-6K-MAP0, SUN2000-5K-MAP0	EN61CTLWA01 H.2	SUN2000MA V200R024C00SPC [XXX] (The identifier placeholder XXX indicates a bug fix or patch version only, which does not change any cyber security function. XXX = 000-999 and is increased for each update release.)	LiteOS 208

1.2 Supported Functions and Features

1.2.1 Non-radio features

Rated Input: 220/230/240 VAC; 3(N)~; 50/60Hz.

Ports: Ethernet Port

1.2.2 Radio features

Radio	Feature	Operating Spectrum / Power	
IEEE 802.11 – 2.4 GHz	b/g/n, Adaptive	2400-2483.5 MHz	20 dBm

1.3 Accessories

Model / Part Number	Description	HW Version	SW Version
SDongleB-06-EU	Smart Dongle supports Wi-Fi, GSM and LTE.	F.2	SDongle V200R022C10SPC[XXX] (The identifier placeholder XXX indicates a bug fix or patch version only, which does not change any cyber security function. XXX = 000-999 and is increased for each update release.)
SDongleA-05	Smart Dongle supports Wi-Fi.		

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2 Assessed Standards

Essential Requirement	Assessed Standards
Article 3.3(d) [Network protection]	EN 18031-1:2024

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

Declaration of Conformity for SUN2000-12K-MAP0 (v) for CE (draft)	Dated	2025-05-19
Model difference declaration letter	Issued	2025-05-14

3.3 Strategic Documentation

Risk Assessment Letter of SUN2000-12K-MAP0 (v) for RED	Issued	2025-03-21
Justification of Compliance of SUN2000-12K-MAP0 (v) for RED	Modified	2025-05-16

3.4 Technical Compliance Documentation

3.4.1 Article 3.3(d)

6818924070101	Issued	2025-05-06

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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