



EU Type Examination Certificate

Certificate No: TPS-RED500933 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: Radio Equipment

Smart Dongle

Model(s): SDongleB-06-EU, SDongleA-05

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.

SDongleB-06-EU (v) RED TCF **Technical Documentation:**

Valid from: 2025-04-30

The RED state of the art for this certificate will be monitored for 5 years after the issue date until 2030-04-22. 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 In any case, after this 5-year period the certificate will be required to be up re-issued or will be automatically withdrawn.

(Laurentiu Dan Miller)





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1 **Equipment Description**

The device is a module supporting GSM, LTE and Wi-Fi at 2.4GHz.

1.1 **Models**

| | Model | HW Version | SW Version | OS Version |
|----------|--------------------------------|------------|--|------------|
| Original | SDongleB-06-EU, SDongleA-05 | 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.) | LiteOS 208 |

1.2 **Supported Functions and Features**

1.2.1 Non-radio features

Supplied by 5.0VDC, 1A USB Port, Ethernet Port only for model SDongleA-05.

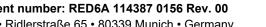
1.2.2 **Radio features**

| Radio | Feature | Operating Spectrum / Max Power | |
|-----------------------|----------------------------------|--------------------------------|----------|
| IEEE 802.11 – 2.4 GHz | b/g/n, Adaptive | 2400-2483.5 MHz | 20.0 dBm |
| GSM | GSM/GPRS, Power Class 4 (GSM900) | 900 | 35.0 dBm |
| | Power Class 1 (DCS1800) | 1800 | 32.0 dBm |
| LTE | QPSK / 16QAM / 64QAM, | 1 | 25.0 dBm |
| | Power Class 3 | 3 | 25.0 dBm |
| | | 7 | 25.0 dBm |
| | | 8 | 25.0 dBm |
| | | 20 | 25.0 dBm |
| | | 28 | 25.0 dBm |
| | | 38 | 25.0 dBm |
| | | 40 | 25.0 dBm |
| | | | |

Model SDongleA-05 only support 2.4GWiFi technology, it disable GSM and LTE technology compared with model SDongleB-06-EU

1.3 **Accessories**

| Model / Part Number | Description |
|---------------------|-------------|
| N/A | N/A |





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2 **Assessed Standards**

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

3 **Technical Documentation**

3.1 **Technical Documentation**

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

3.2 **Declarations**

| Declaration of Conformity for SDongleB-06-EU for CE | Dated | 2025-04-23 |
|---|--------|------------|
| Declaration of Conformity for SDongleA-05 for CE | Dated | 2025-04-23 |
| Model difference declaration letter | Issued | 2025-03-12 |

3.3 **Strategic Documentation**

| Risk Assessment Letter of SDongleB-06-EU (v) for RED | Issued | 2025-04-03 |
|---|----------|------------|
| Justification of Conformity of SDongleB-06-EU (v) for RED | Modified | 2025-04-29 |

3.4 **Technical Compliance Documentation**

3.4.1 Article 3.3(d)

6818925008201 Issued 2025-04-03

Additional Information 4

None.

5 **Conditions of Validity**

The dongle is to be integrated only with the approved host products. The intended use of the host shall be photovoltaic inverter, When installing this dongle permanently into a host product to a create new radio equipment device, the manufacturer responsible for placing the final radio product on the market in the EU must assess if the combination of this radio module and the host product complies with the essential requirements of the RE Directive 2014/53/EU.

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.

