Huawei Smart Dongle-WLAN-FE

The Huawei Smart Dongle-WLAN-FE provides plug-and-play WLAN and Fast Ethernet connectivity for up to 10 inverters. Features IP65 protection, integrated Wi-Fi AP for FusionSolar APP commissioning, and support for third-party monitoring systems.

Models Covered: SDongleA-05

Manufacturer: Huawei Digital Power Technologies Co., Ltd.

Application: Ideal for United Arab Emirates's climate with wide operating temperature range and dust-resistant design.

ACCESSORY | SMART DONGLE | PLUG & PLAY USB | WLAN AP + STA MODE | 10/100M FAST ETHERNET | IP65 PROTECTION | UP TO 10 INVERTERS

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Technical Specifications

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Technical Specifications

Parameter	SDongleA-05
Connectivity	
Connection Interface	USB
Network Port	10/100M Ethernet
Wireless Standards	802.11b/g/n (2.412-2.484 GHz)
Security	WPA/WPA2 (TKIP/CCMP/AES)
Max Devices	10
Max Inverters	10
General Data	

Dimensions (W×H×D) [mm]	146 × 48 × 33
Weight [g]	90
Power Consumption [W]	2.5 (typical)
Protection Degree	IP65
Operating Temperature	-30 °C ~ +65 °C
Max Altitude [m]	4000

Note: Specifications are based on the official Huawei datasheet. Values may be subject to change; always verify against the latest manufacturer documentation.

Key Features

- Plug & Play USB
- WLAN AP + STA Mode
- 10/100M Fast Ethernet
- IP65 Protection
- Up to 10 Inverters
- FusionSolar APP Compatible

Applications & Use Cases

Typical Applications

- Residential solar systems
- Commercial installations
- Industrial solar plants
- Utility-scale projects
- Smart grid integration

Regional Installation Notes (United Arab Emirates)

Climate Suitability: Ideal for United Arab Emirates's climate with wide operating temperature range and dust-resistant design.

- Sand and dust resistant design
- Wide operating temperature range

- High efficiency in hot conditions
- Long-term warranty

Frequently Asked Questions

▼ Do I need a Smart Dongle?

The Smart Dongle-WLAN-FE is needed if your inverter does not have built-in Ethernet and you want wired network connectivity or to extend the WLAN range for FusionSolar APP access.

▶ What is the warranty coverage for the Huawei Smart Dongle-WLAN-FE?

▶ What certifications does the Huawei Smart Dongle-WLAN-FE have?

▶ What are the installation requirements for the Huawei Smart Dongle-WLAN-FE?

▶ How does the Huawei Smart Dongle-WLAN-FE perform in hot climates?

▶ What are the dimensions and weight of the Huawei Smart Dongle-WLAN-FE?

▶ What are the key features of the Huawei Smart Dongle-WLAN-FE?

Official Source & Documentation

This technical datasheet is derived from official manufacturer documentation provided by **Huawei Digital Power Technologies Co., Ltd.**.

- **Manufacturer Website:** https://solar.huawei.com
- **Technical Support:** solar@huawei.com
- **Sales Inquiries:** sales@huawei-solar.org
- **Data Source:** Official Datasheet - Huawei Digital Power Technologies Co., Ltd.

Disclaimer: *All specifications are based on the official datasheet. Specifications are subject to change without notice. Please verify with the manufacturer for the most current information.*

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