Huawei Smart Dongle-4G

The Huawei Smart Dongle-4G provides cellular 4G/3G/2G connectivity for up to 10 inverters. Plug-and-play USB installation with IP65 protection for remote locations without wired internet access.

Models Covered: SDongleA-03

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 | 4G/LTE CELLULAR CONNECTIVITY | PLUG & PLAY USB | IP65 PROTECTION | UP TO 10 INVERTERS | MINI-SIM CARD SLOT

Technical Specifications

Parameter	SDongleA-03
Connectivity	
Connection Interface	USB
Cellular Standards	LTE-FDD (B1/B3/B7/B8/B20/B28), LTE-TDD (B38/B40/B41), GSM (850/900/1800/1900 MHz)
SIM Card	Mini-SIM (15 × 25 mm)
Max Inverters	10
General Data	
Dimensions (W×H×D) [mm]	162 × 48 × 28
Power Consumption [W]	3.5 (typical)
Protection Degree	IP65
Operating Temperature	-30 °C ~ +65 °C

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

Key Features

4G/LTE Cellular Connectivity	Plug & Play USB	IP65 Protection
Up to 10 Inverters	Mini-SIM Card Slot	3rd Party Monitoring Support

Applications & Use Cases

Typical Applications

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

Frequently Asked Questions

▼ Does the Smart Dongle-4G need a SIM card?

Yes, it requires a Mini-SIM card (15x25mm) with an active data plan. It supports LTE-FDD/TDD, WCDMA, and GSM bands for global coverage.

▶ What is the warranty coverage for the Huawei Smart Dongle-4G?

▶ What certifications does the Huawei Smart Dongle-4G have?

▶ What are the installation requirements for the Huawei Smart Dongle-4G?

▶ How does the Huawei Smart Dongle-4G perform in hot climates?

▶ What are the dimensions and weight of the Huawei Smart Dongle-4G?

▶ What are the key features of the Huawei Smart Dongle-4G?

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

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:** sales@huawei-solar.org
- **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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