

# Huawei Photovoltaic Inverter Communication Module



## Overview

Huawei Smart Dongle SDongleB-06-EU is a state-of-the-art 4G LTE communication module designed for remote monitoring and management of Huawei SUN2000 series inverters. The SUN2000 can connect to the SmartLogger or to a PC through the SmartLogger to implement RS485 communication. With PLug & PLayer, easy. Imagine a solar power system that talks to itself, automatically adjusts energy flow, and reports real-time performance to your smartphone. In this guide, we'll explore how this advanced communication. Huawei Smart Dongle solar communication module is a compact wireless communication device engineered for EPC contractors, commercial solar installers, and utility-scale system integrators requiring reliable inverter connectivity and remote plant monitoring. It's designed to be user-friendly, offering plug-and-play installation and compatibility with the FusionSolar app.



## Article Content

Jan 02, 2026

### Smart PV Utility Inverter

Smart PV Utility Inverter: Access product manuals, HedEx documents, product images and visio stencils.

Jun 04, 2026

### Communication Mode Description

FE communication is mainly used in distributed rooftop scenarios with a small number of inverters. The inverter can directly connect to the PC over the Ethernet to implement monitoring networking. FE

May 28, 2026

### HUAWEI PLC Module

Huawei CloudEngine, Campus, and SMB Switches combine advanced architecture and design with carrier-grade reliability to provide high-availability, high

May 01, 2026

### Huawei SUN2000-3-10KTL-M1 Smart Hybrid Inverter Data Sheet

Any higher input DC voltage would probably damage inverter. \*3 Any DC input voltage beyond the operating voltage range may result in inverter improper operating. \*4 C10 / 11: 10,000 VA \*5

Mar 05, 2026

### User Manual

Purpose This document describes how to connect inverters to the FusionSolar Smart PV Management System through the Smart Dongle (SDongleA and SDongleB, also referred to as Dongle). For details

Jul 28, 2025

### Huawei Photovoltaic Inverter Communication

This document provides information about the ModBus protocol used in Huawei inverters, and can be used to regulate and restrict follow-up third-party integration R& D and customizations.

Feb 11, 2026

### SDongleB-06 Smart Dongle Quick Guide (4G)

SDongleB-06 Smart Dongle (also referred to as the Dongle) is a smart communications expansion module that works with Huawei inverters to implement wireless communication between inverters

Sep 24, 2025

4G LTE photovoltaic communication module Huawei SDongleB-06

Huawei Smart Dongle SDongleB-06-EU is a state-of-the-art 4G LTE communication module designed for remote monitoring and management of Huawei SUN2000 series inverters. The device enables

May 18, 2026

PV Plants Connecting to SmartPVMS Quick Guide (Inverters ...

- Before site deployment, ensure that the inverters and SmartLogger are powered on and the communication is normal.
- Ensure that you have matched the devices in a PV plant with the PV

Feb 16, 2026

FusionSolar Smart PV Management System Connection User Manual ...

Published On 2026-02-13 Views 246754 Downloads 15553 Document ID EDOC1100173984 Description FusionSolar Smart PV Management System Connection User Manual (Inverters +

Mar 07, 2026

CI-Smart Dongle-4G | HUAWEI Smart PV Global

Huawei Smart Dongle-4G supports the communication between the inverters and your solar management system via 5G connection and hassle-free plug and play. WLAN access point enables

Aug 24, 2025

HUAWEI Smart Dongle-4G Communication Module

The HUAWEI Smart Dongle-4G communication module provides intelligent communication capabilities for inverters, allowing seamless integration with management systems via LTE networks. It's

Feb 02, 2026

4G Communication Networking

This document describes how to connect inverters to the Smart PV Management System through the Smart Dongle.

Jan 21, 2026

FusionSolar Smart PV Management System Connection User Manual ...

FusionSolar Smart PV Management System Connection User Manual (Inverters + SDongle) About This Document About This Document Purpose This document describes how to

Dec 17, 2025

Huawei Smart 4G Dongle communication module for

The Huawei Smart Dongle-4G (SDongleB-06-EU) is a compact, USB-connected 4G communication module that allows Huawei inverters to connect to the

Jun 15, 2026

Huawei Smart Dongle Solar Communication Module - Advanced

Designed to enable seamless data transmission between Huawei inverters and monitoring platforms, this module supports scalable photovoltaic deployment across commercial and industrial solar

Apr 28, 2026

Ihr Partner für Photovoltaik | FusionSolar DE

Entdecken Sie die innovativen Solarlösungen von FusionSolar für Wohn-, Gewerbe- und Großprojekte.

Nov 29, 2025

Services and Support | HUAWEI Smart PV Global

HUAWEI FusionSolar Support provides comprehensive and timely service and support for all users. You can quickly contact us through the timely online service. You can contact our customer service

Nov 03, 2025

Decoding Huawei's Photovoltaic Inverter Communication Interfaces

Imagine your solar installation as a symphony orchestra - Huawei's photovoltaic inverters act as both conductor and first violin, with communication interfaces serving as the invisible sheet music

Apr 02, 2026

Huawei solar inverters | Solarity - distributor and

The solution consists of Huawei photovoltaic inverters, optimisation tools, safety equipment, current sensors, and external communication modules. The

Feb 04, 2026

## Huawei Inverter Photovoltaic 110 Communication: The Backbone of

Why Communication Matters in Solar Inverters Modern photovoltaic systems aren't just about panels and cables - they're intelligent networks. The Huawei Photovoltaic 110 Communication module acts

Nov 02, 2025

## Huawei Inverter Photovoltaic 110 Communication: The Backbone of

That's exactly what the Huawei Inverter Photovoltaic 110 Communication technology enables. In this guide, we'll explore how this advanced communication solution is reshaping solar energy

## Contact Us

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