Huawei DDSU666-H Smart Power Sensor (Single-Phase)

The Huawei DDSU666-H is a single-phase smart power sensor with Class 1 accuracy for precise energy monitoring in single-phase installations. Features RS485 Modbus RTU communication and low power consumption.

Models Covered: DDSU666-H

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 POWER SENSOR | CLASS 1 MEASUREMENT ACCURACY | SINGLE-PHASE MONITORING | RS485 MODBUS RTU | POWER EXPORT LIMITATION | LCD DISPLAY

Technical Specifications

Parameter	DDSU666-H
Measurement	
Phases	Single-Phase
Accuracy Class	Class 1
Communication	
Protocol	RS485 (Modbus RTU)
Display	LCD

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

Key Features

- Class 1 Measurement Accuracy
- Single-Phase Monitoring
- RS485 Modbus RTU
- Power Export Limitation
- LCD Display
- Low Power Consumption

Applications & Use Cases

Typical Applications

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

Frequently Asked Questions

▼ What is the warranty coverage for the Huawei DDSU666-H Smart Power Sensor (Single-Phase)?

The Huawei DDSU666-H Smart Power Sensor (Single-Phase) comes with a 5-year product warranty and a 30-year linear power output warranty, ensuring long-term performance and peace of mind.

▶ What certifications does the Huawei DDSU666-H Smart Power Sensor (Single-Phase) have?

▶ What are the installation requirements for the Huawei DDSU666-H Smart Power Sensor (Single-Phase)?

▶ How does the Huawei DDSU666-H Smart Power Sensor (Single-Phase) perform in hot climates?

▶ What are the key features of the Huawei DDSU666-H Smart Power Sensor (Single-Phase)?

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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