



DTU-Pro

A Whole New Look
On a Whole New Level

Highlights

- ✓ Module-level monitoring and data storage
- ✓ Built-in WIFI for local installation assistant
- ✓ Stronger communication with microinverter and monitoring server
- ✓ More accurate PV generation and loads consumption monitoring
- ✓ Supports power export limiting and zero-export applications
- ✓ Applicable with Modbus RTU/TCP protocol, thus easy to see power and generation on your monitoring platform
- ✓ Alternative ports (RJ-45&USB&RS485), thus easy to access control devices to manage the solar output
- ✓ Four LEDs, therefore easier to see the status of the microinverter system

Model

DTU-Pro

Communication to Cloud

Signal	WIFI (802.11b/g/n) ¹ / Ethernet
Sample rate	Per 15 minutes

Communication to Microinverter¹

Signal	2.4GHz Proprietary RF(Nordic)
Maximum distance (open space)	200m
Monitoring data limit from solar panels	99 ² panels

Communication to Meter

Signal	RS485
Maximum distance (RS485 cable)	500m

Interaction

LED	LED Indicator * 4 – RUN, Cloud, MI, ALM
APP	Local APP

Power Supply (Adapter)

Type	External adapter
Adapter input voltage/frequency	100~240V AC / 50 or 60Hz
Adapter output voltage/current	5V / 2A
Power consumption	2.5W (typical), 5W (maximum)

Mechanical Data

Ambient temperature range (°C)	-20°C~55°C
Dimensions (W×H×D)	200mm×101mm×29mm (without antennas)
Weight	0.28kg
Installation options	Wall mounting / Desktop mounting

Features

Demand Response Modes	DRM0/5/6/7/8
Compliance	RCM, FCC 15B, FCC 15C, EN62368-1, EN61000-3-2, EN61000-3-3, EN301489, EN300328, EN300440,

*1 If the DTU installation location is inside the metal box or under the metal/concrete roof, extended antennas will be suggested.

*2 Depending on the installation environment, please refer to user manual for more details.

