



Data Transfer Unit Datasheet

DTU-Lite-S

Description

The Hoymiles DTU-Lite-S is a compact data transfer unit for residential solar systems. Its small size and simple installation make it easy to set up.

It uses Sub-1G wireless communication to collect data from microinverters and sends this data to the Hoymiles monitoring platform, S-Miles Cloud, using Wi-Fi.

With the DTU-Lite-S, you can view real-time data and alarms for each PV module. You can monitor system performance remotely and perform maintenance anytime, from anywhere, through S-Miles Cloud.

Features

- 01 Module-level monitoring and data storage
- 02 Plug and play, easy installation
- 03 Sub-1G wireless solution with microinverter

- 04 Real-time microinverter data and alarm on S-Miles Toolkit
- 05 Remote system management on S-Miles Cloud

Technical Specifications

Model	DTU-Lite-S
Communication to Microinverter	
Type	Sub-1G
Maximum distance (open space)	400 m
Monitoring data limit from solar panels ¹	99
Communication to S-Miles Cloud	
Wireless standard	Wi-Fi 802.11b/g/n
Radio band	2.4 Ghz
Sample rate	Per 15 minutes
Interaction	
LED	LED Indicator
Local app	S-Miles Toolkit
Power Supply (Adapter)	
Type	External adapter
Adapter input voltage/frequency	100 to 240 V AC / 50 or 60 Hz
Adapter output voltage/current	5V / 2A
Power consumption (DTU)	Typ. 1.0W / Max. 5.0W
Mechanical Data	
Ambient temperature range (°C)	-20 to +55
Dimensions (W × H × D [mm])	143 × 33 × 12.5
Weight (g)	43
Installation option	Direct plug-in
Compliance	
Certificate	CE, RCM, Anatel
Microinverter Compatibility	
Microinverter model	HMS series, HMT series, MiS series

*1 This depends on the installation environment. Please refer to user manual for more details.