



Data Transfer Unit Datasheet

DTU-Lite-S

Description

Hoymiles gateway DTU-Lite-S is a data transfer unit which collects information and data of PV microinverter via Sub-1G wireless solution and sends them to S-Miles Cloud, Hoymiles Monitoring Platform, using Wi-Fi communication.

With small size and easy installation, DTU-Lite-S is suitable for residential PV systems. Users can easily read module-level data and alarms, realize remote operation and maintenance of the microinverter system at any time and any place on 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 | |
| Signal | 802.11b/g/n |
| 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 60Hz |
| 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 (kg) | 0.1 |
| Installation option | Direct plug-in |
| Compliance | |
| Certificate | CE, FCC, IC, RCM, Anatel |
| Microinverter Compatibility | |
| Microinverter model | HMS series, HMT series |

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