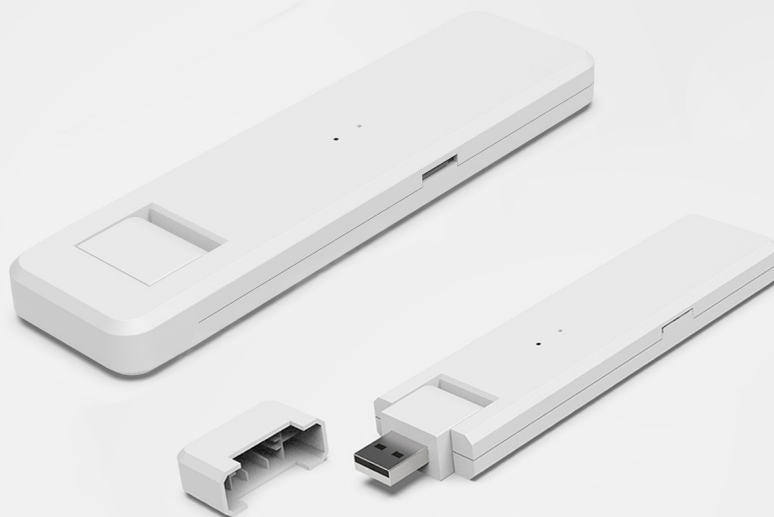




# Data Transfer Unit Datasheet

## DTU-Lite-S

### Description

Hoymiles gateway DTU-Lite-S is a data transfer unit which collects the information and data of PV microinverter using the Sub-1G wireless solution and sends to Hoymiles Monitoring System, S-miles Cloud, using Wi-Fi or 4G communication.

With small size and easy installation, DTU-Lite-S is very suitable for residential PV system. Users can easily read the module-level data and alarm, 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 (Wi-Fi Version)                                                                                                  | DTU-Lite-S (4G Version)                           |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Communication to Microinverter                       |                                                                                                                             |                                                   |
| Type                                                 | Sub-1G                                                                                                                      |                                                   |
| Maximum distance (open space)                        | 400m                                                                                                                        |                                                   |
| Monitoring data limit from solar panels <sup>1</sup> | 99                                                                                                                          |                                                   |
| Communication to S-miles Cloud                       |                                                                                                                             |                                                   |
| Signal                                               | Wi-Fi: 802.11b/g/n                                                                                                          | 4G: TDD-LTE, FDD-LTE<br>3G: SCDMA<br>2G: GSM/GPRS |
| 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°C - 55°C                                                                                                                |                                                   |
| Dimensions (W × H × D mm)                            | 143 × 33 × 12.5                                                                                                             | 166 × 45 × 15                                     |
| Weight(kg)                                           | 0.1                                                                                                                         | 0.12                                              |
| Installation option                                  | Direct plug-in                                                                                                              |                                                   |
| Compliance                                           |                                                                                                                             |                                                   |
| Certificate                                          | CE, FCC, IC, RCM, Anatel                                                                                                    |                                                   |
| Microinverter Compatibility                          |                                                                                                                             |                                                   |
| Microinverter model                                  | HMT-2250/1800-6T<br>HMS-2000/1800-4T, HMS-1500/1200-4T<br>HMS-1000/900-2T, HMS-800/700/600-2T<br>HMS-500/450/400/350/300-1T |                                                   |

\*1 Depending on the installation environment, refer to user manual for more details.