



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	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	HMS series, HMT series	

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