



Data Transfer Unit Datasheet

DTU-WLite-S

Description

Hoymiles gateway DTU-WLite-S is a data transfer unit which collects information and data of PV microinverters 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-WLite-S has been specially adapted for residential PV systems. Users can easily read module-level data and alarms, and realize remote operation and maintenance of the microinverter system on S-Miles Cloud at any time and any place.

Features

01 Module-level monitoring and data storage

02 Plug and play, easy installation

03 Lightweight and compact design

04 Real-time microinverter data and alarm on S-Miles Cloud

05 Sub-1G wireless solution with microinverter

06 Remote system management on S-Miles Cloud

Technical Specifications

Model	DTU-WLite-S
Communication to Microinverter	
Type	Sub-1G
Maximum distance (open space)	400 m
Monitoring data limit from solar panels*	4
Communication to S-Miles Cloud	
Wireless standard	802.11 b/g/n
Radio band	2.4 GHz
Sample rate	Per 15 minutes
Interaction	
LED	LED Indicator
Local App	S-Miles Installer
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 (g)	43
Installation option	Direct plug-in
Compliance	
Certificate	CE
Microinverter Compatibility	
Microinverter model	HMS series, HMT series, MiS series

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

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