



Data Transfer Unit Datasheet

DTU-WLite

Description

Hoymiles gateway DTU-WLite is a data transfer unit which collects the information and data of microinverter using the 2.4G wireless communication and send them to Hoymiles Monitoring System, S-Miles Cloud, using Wi-Fi technology.

With monitoring capacity up to 4 solar panels, DTU-WLite is specifically designed for small PV system. Users can easily read module-level data and alarm, realize remote operation and maintenance of PV system at any time, from anywhere on S-Miles Cloud.

Features

01

Module-level monitoring, with up to 4 solar panels

04

Real-time microinverter data and alarm on S-Miles Toolkit

02

Plug and play, easy installation

05

Remote system management on S-Miles Cloud

Technical Specifications

Model	DTU-WLite
Communication to Microinverter	
Type	2.4GHz Proprietary RF (Nordic)
Maximum distance (open space) ¹	150 m
Monitoring data limit from solar panels	4
Communication to S-miles Cloud	
Signal	Wi-Fi: 802.11b/g/n
Sample rate	Per 15 minutes
Interaction	
LED	LED Indicator
Local App	S-Miles Toolkit
Power Requirements²	
Power consumption	Typ. 1.0 W / Max. 5.0 W
Input voltage	5 V
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 (USB port)
Compliance	
Certificate	CE
Microinverter Compatibility	
Microinverter model	HM series, MI series

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

*2 Adapter is not supplied by Hoymiles.