

Data Transfer Unit Datasheet

DTU-Lite-S

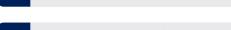
Description

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





O3 Sub-1G wireless solution with microinverter





Technical Specifications

Model	DTU-Lite-S
Communication to Microinverter	
Туре	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)	
Туре	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, 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.