



hoymiles DTU-Pro-S Data Transfer Unit Installation Guide

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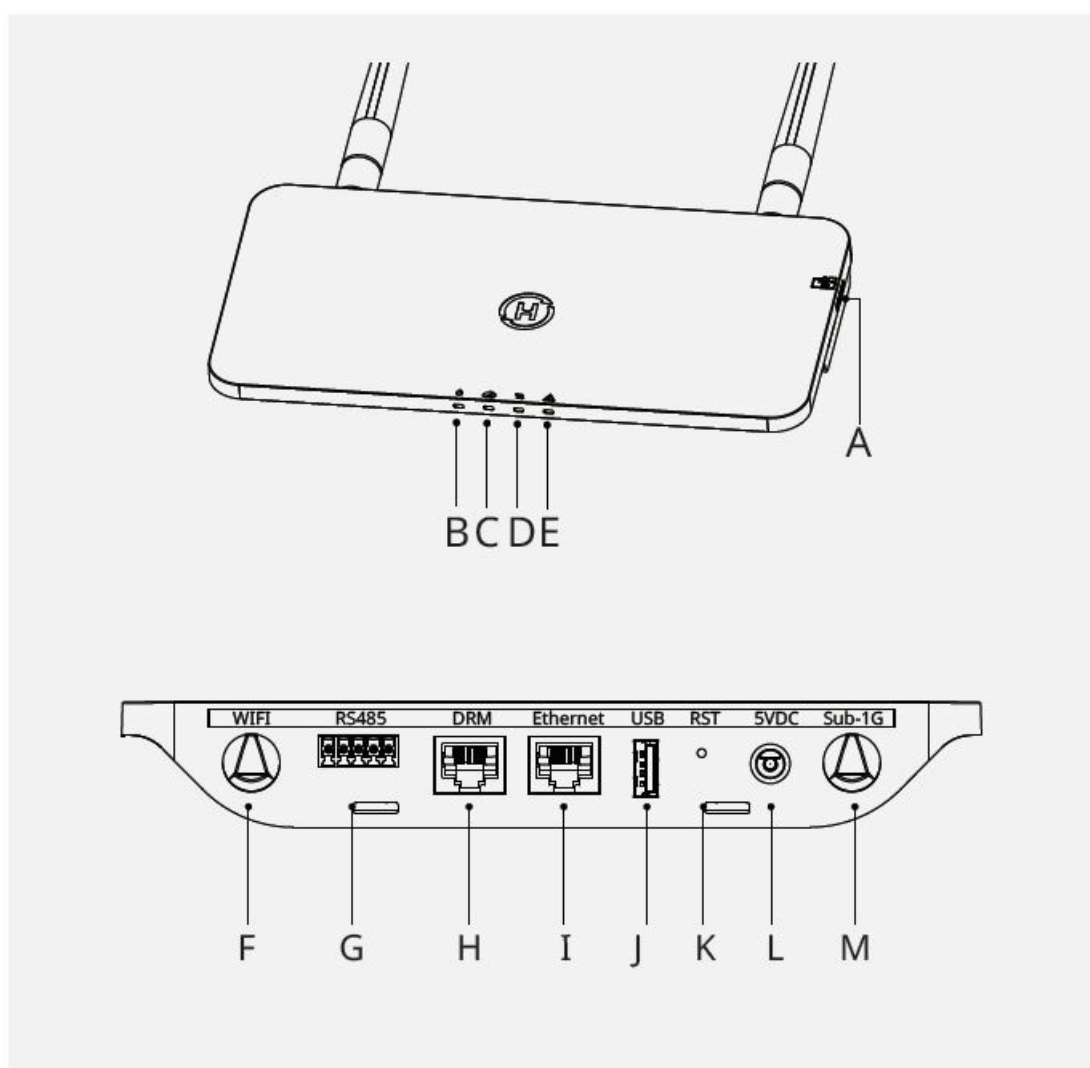


hoymiles DTU-Pro-S Data Transfer Unit



Interface Layout

Item	Description
A	SD Card Slot
B	DTU Power Indicator
C	DTU Communication Indicator (With Server)
D	DTU Communication Indicator (With MI)
E	DTU Alarm Indicator
F	Wi-Fi Antenna (2.4G)
G	RS485
H	DRM Port (For Australia only)
I	Ethernet Port
J	USB Port
K	Reset Bottom
L	Power Port
M	Sub-1G Antenna



Preparation

- **A)** Download the Hoymiles Mobile Installer App.



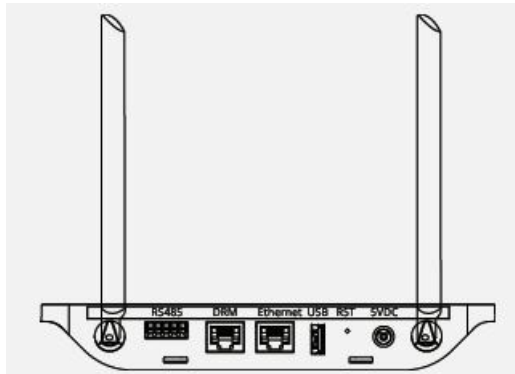
- **B)** Check the box for the following items:
 - Hoymiles DTU-Pro-S (Two Antennas)
 - Adapter
 - Bracket
 - 5 Pin Plug
- **C)** Choose the way DTU-Pro-S connects to the Internet:

Use Wi-Fi or Ethernet. Prepare the following items if needed:

 - Ethernet Cable (if the Ethernet option is selected)
 - Hoymiles Installer App installed (if the Wi-Fi option is selected)

Installation

- **A)** Take DTU-Pro-S out from the box, check, and tighten the antenna.

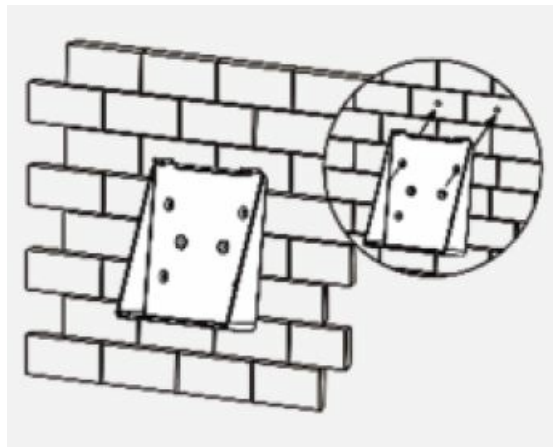


- **B)** Choose an installation location.
 - Install on the top floor to increase signal strength.
 - Install near the center of the PV array.
 - Install at least 0.5 m above the ground and more than 0.8 m away from corners.

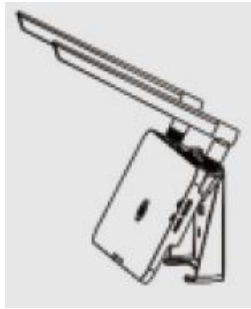
Note: Please do not install the DTU directly above metal or concrete to prevent signal interference.
- **C)** Choose the installation method.

Option 1: Mount the DTU on the wall.

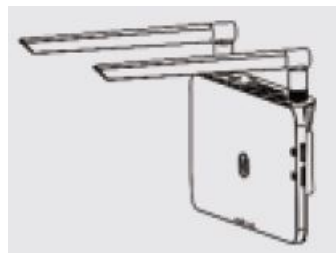
- Mount the bracket on the wall. Please choose at least two screw holes (one from each side) to fix the bracket (the M4 screws need to prepare by the installer).



- Fix DTU-Pro-S to the bracket's upper buckle.

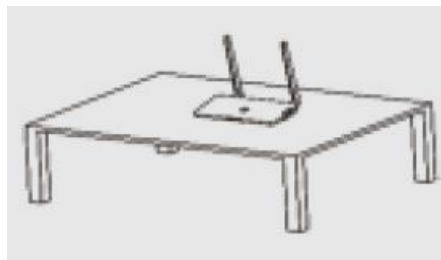


- Fix DTU-Pro-S to the bracket's lower buckle gently until you hear a click. Please make sure that the antennas are vertical to the wall.

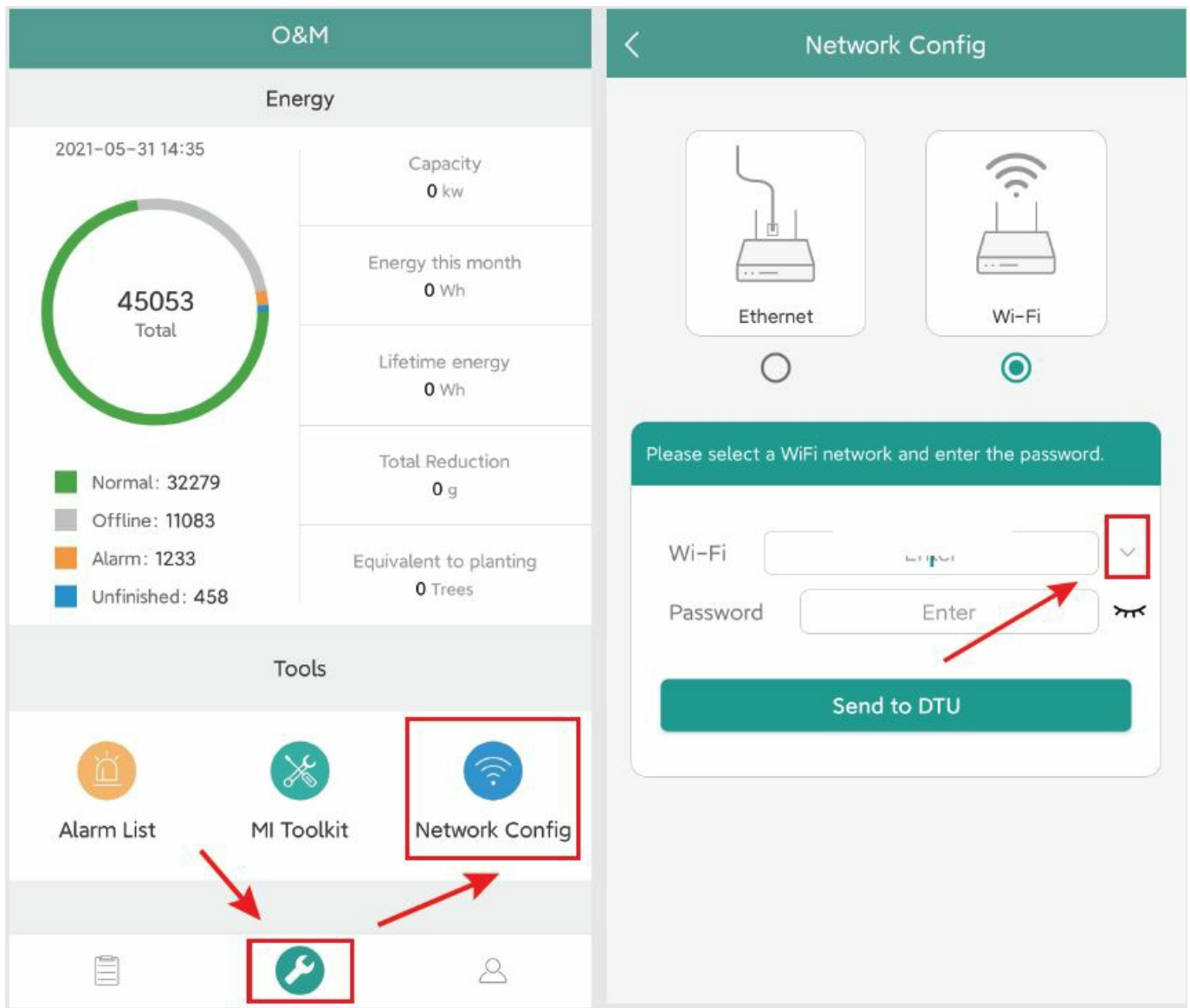


Option 2: Place the DTU on the table.

- Please make sure the antennas are vertical to the table.



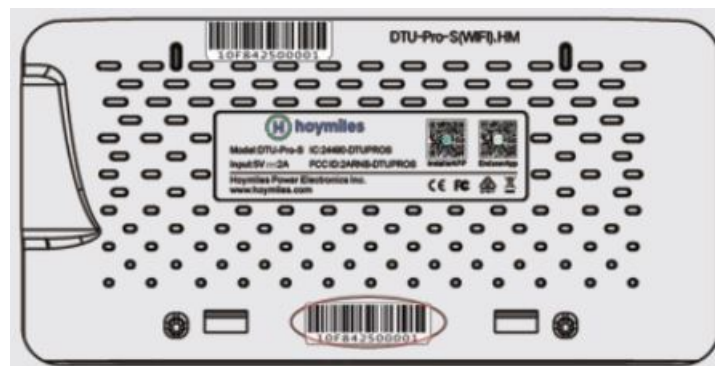
- **D)** Plug in the power adapter to power the DTU.
- **E)** Set up the Internet
- Use the smartphone/tablet/laptop to open the Installer App and log in. Locate "O&M" on the bottom of the page, select "Network Config", and then complete the Wi-Fi configuration (If the Wi-Fi option is selected).
- Use a LAN cable, with one end connected to the house router and the other to the DTU Ethernet port. Use the smartphone/tablet to open the Installer App and log in. Locate "O&M" on the bottom of the page, select "Network Config", and then select "Ethernet" (if the Ethernet option is selected).



Installation Map

Complete the installation map.

- **A)** Peel the serial number label (as circled below) from the DTU and place it on the installation map.



- **B)** Complete the system information of the installation map as shown below.

To sheet _____ ↑

<div style="display: flex; justify-content: space-between; align-items: center;"> <div> Hoymiles Microinverter Installation Map AP040228 V1.3 </div> </div>																
Please Make N for North 	Panel type: Address: TR: Sheet ____ of ____							Customer Information:				DTU Serial Number:				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A																
B																
C																
D																

To sheet _____ ↓

Online Setup

Create an online account to complete the DTU installation (refer to “Quick Installation Guide for S-Miles Cloud (Hoymiles Monitoring Platform) Online Registration” for detailed account creation steps).

Note: For more setup details regarding the Export Management and the Local Installation Assistant, please acquire the related Operation Guide from Hoymiles Technical Service Center at service@hoymiles.com.

Warning

- Only qualified personnel can install or replace the DTU.
- Do not attempt to repair the DTU, as it contains parts that are not serviceable to users. If the DTU breaks down, please contact your distributor for maintenance. Opening the DTU without permission will invalidate the warranty.

Product information is subject to change without notice. (Please download reference manuals at www.hoymiles.com.)

Region: Global AP040346 REV1.3 © 2022 Hoymiles Power Electronics Inc. All rights reserved.

Documents / Resources

	<p>hoymiles DTU-Pro-S Data Transfer Unit [pdf] Installation Guide</p> <p>DTU-Pro-S, Data Transfer Unit, DTU-Pro-S Data Transfer Unit</p>
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