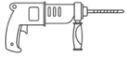


QUICK INSTALLATION GUIDE

AW7500

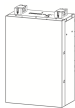
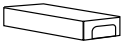
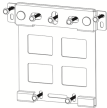
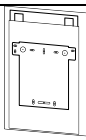
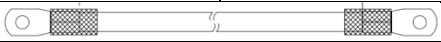
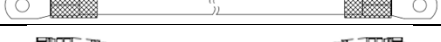
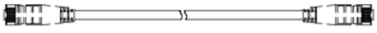
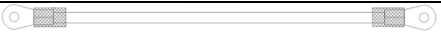
1. TOOLS REQUIRED

Ensure the following tools are available for installation:

			
Philips screwdriver	Safety shoes	Safety gloves	Safety glasses
			
Wrench	Hammer drill	Rubber mallet	Multimeter (Vdc>500)

2. PACKAGING LIST

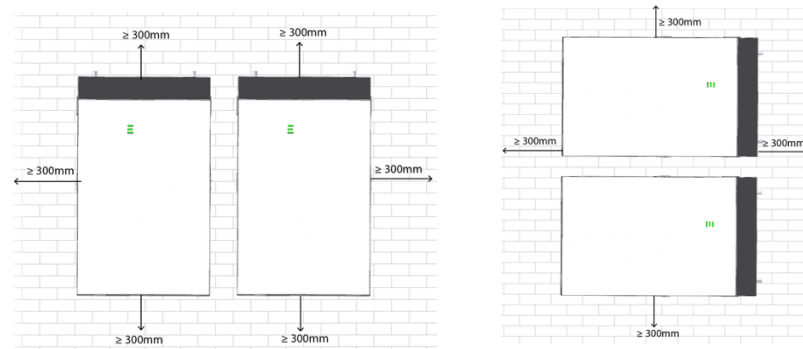
Verify that all the following items are included in the package:

			
AW7500	Top cover	Wall bracket	Mounting template
			
M8 x 60 expansion bolts x 8		User Manual	
	Power cable (Red) 820mm		
	Power cable (Black) 820mm		
	Communication cable		
	Ground cable 820mm		

Note: If any items are missing, please contact customer support immediately.

3. INSTALLATION

Clearance

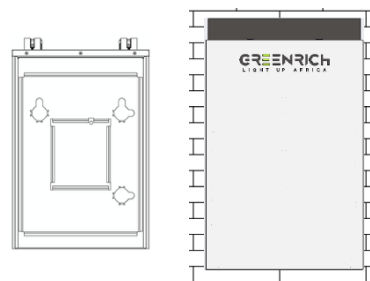


Note: Consider wiring accommodation exits from the cover (left, right, or top), determine appropriate distances between units based on site conditions and local codes.

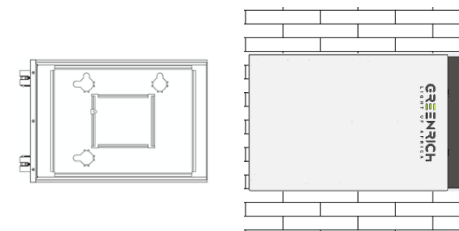
Orientation

This product supports two mounting orientations on a wall using the provided bracket:

Vertical (Upright)



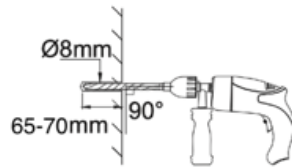
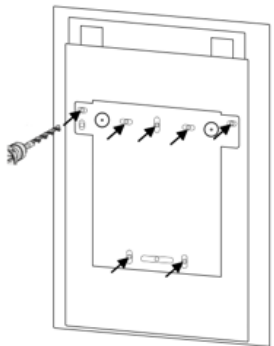
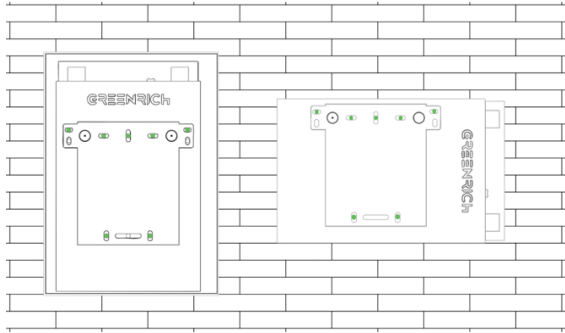
Horizontal (Sideways, Wiring to Right)



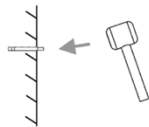
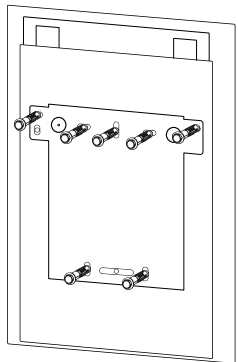
Note: Horizontal mounting with wiring exiting to the left is not possible, as it would misalign the bracket buckles with the cabinet's fixed hole positions.

Step 1: Install Mounting Bracket

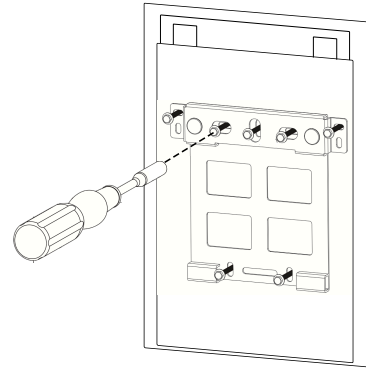
Use the provided mounting template to mark the positions for drilling the 7 holes on the wall.



Insert the expansion bolts into the drilled holes.



Fix the bracket to the wall, ensure the bracket is installed horizontally using a spirit level.

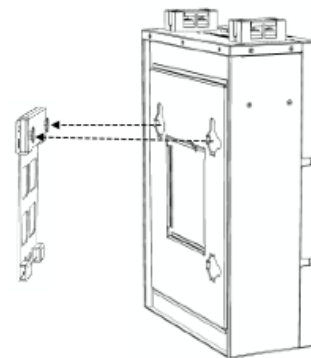


Step 2: Mount the Battery

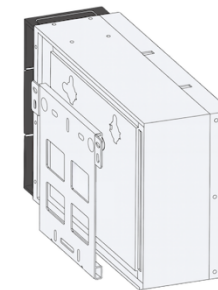
Switch the power button to the **OFF** position.

Align the buckle of the battery bracket with the holes on the wall-mounted bracket.

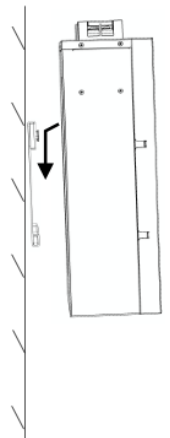
Gently place the battery onto the wall bracket from up to down, ensuring a secure fit.



Vertical



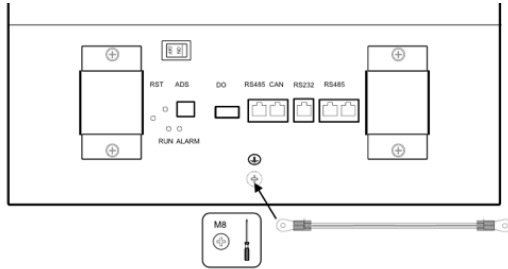
Horizontal



4. WIRING AND CONNECTIONS

Step 1: Ground Wiring

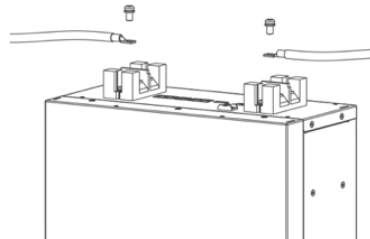
Connect the ground cable securely to the grounding terminal.



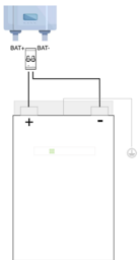
Step 2: Power Cable Wiring

Connect the power cables to the inverter, ensuring the proper polarity:

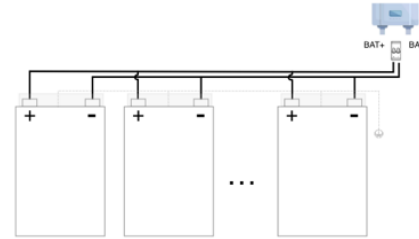
- Red cable: Positive terminal
- Black cable: Negative terminal



Standalone mode



Parallel mode

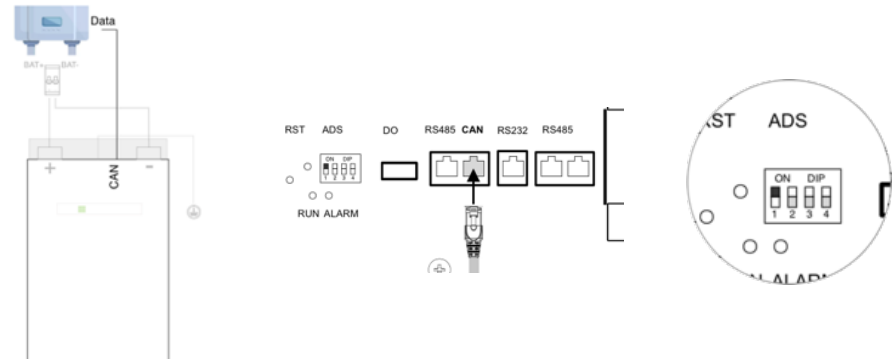


Wiring recommendation for better battery balance:



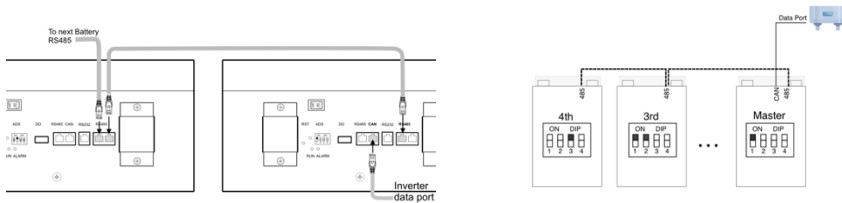
Step 3: Communication cables

Standalone Mode:



- Connect the communication cable directly to the inverter.
- Confirm DIP switch (ADS) set to 1.

Parallel mode:



- Connect the CAN port of the Master battery (DIP switch set to 1) to the inverter
- Connect one RS485 port of the battery to an RS485 port on the next battery.
- Repeat this process for all subsequent batteries.
- Ensure the DIP switch (ADS) settings for each battery are unique.
- Configure the DIP switches using binary settings, following the user manual instructions.

5.SYSTEM STARTUP

Switch the power button to the **ON** position.

Observe the LED indicators:

- LEDs will light up and flash, indicating that the battery is powered on and operational.

