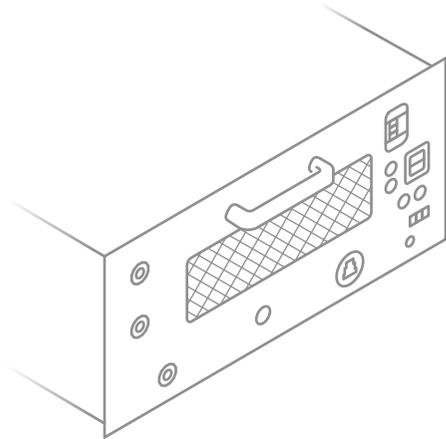


# Dryer 4.1

## Quick Start Guide

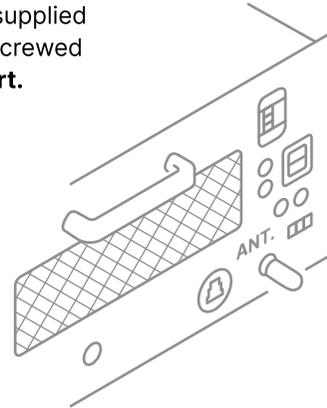


### 1 Check Installation

- You must follow **owner's manual** for all steps, including pipe and wire connection, operation, transportation, storage and disposal.

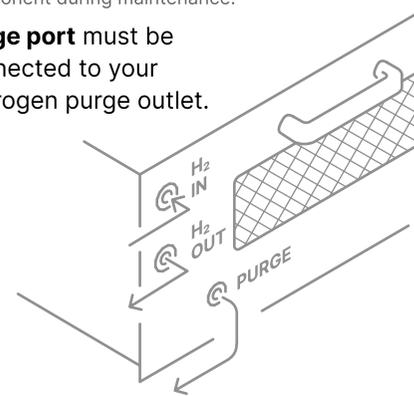
Download the latest owner's manual at [handbook.enapter.com](http://handbook.enapter.com)

- Ensure the supplied antenna is screwed into **Ant. port**.



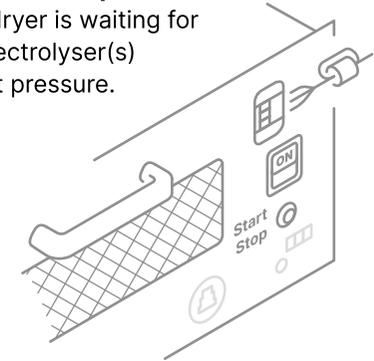
### 2 Check H<sub>2</sub> and Purge Lines

- The H<sub>2</sub> In port** must be connected the hydrogen output line of your electrolyser(s).
- Ensure the **H<sub>2</sub> Out port** is connected to your hydrogen storage. It is recommended to fit a shut-off valve between the tank and the dryer to be able to isolate each component during maintenance.
- Purge port** must be connected to your hydrogen purge outlet.



### 3 First Power-on

- Ensure the supplied power cable is passed twice through the **ferrite**.
- After all security checks, plug the power cable into the **Power port**. Don't use cables from other devices or suppliers.
- Switch the power on. Red, yellow & green blink thrice.
- Push **Start/Stop button**. Now dryer is waiting for the electrolyser(s) output pressure.



#### Download Enapter App

Enapter app makes devices setup and maintenance easier and fast.



[app.enapter.com](http://app.enapter.com)

#### Enapter Handbook

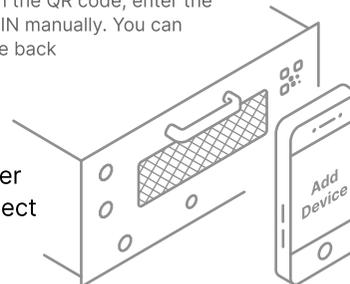
Owner's manuals and technical information for Enapter's hardware and software.

[handbook.enapter.com](http://handbook.enapter.com)

### 4 Connect to Enapter Cloud

- Keep the device powered. Make sure WiFi button is turned on (blue LED steady on the front panel of device).
- Download the Enapter App and sign into your Enapter Cloud account.
- Create your site and press **Add Device**.
- Scan the QR-code** located on the front side of the device. If you can't scan the QR code, enter the device ID and PIN manually. You can find them on the back of the device.

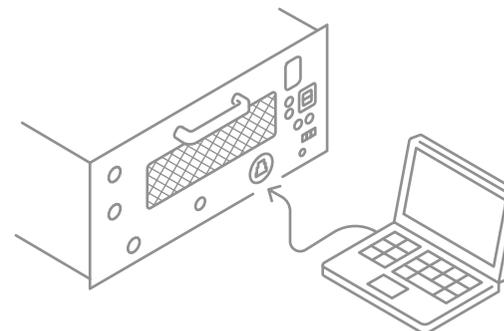
- Follow the instructions in the Enapter App to connect the device.



### 5 Access the Web GUI

- For isolated setups with no internet connection, use the Web GUI for monitoring, maintenance, and control of the device locally through a web browser.

Find more info at [handbook.enapter.com](http://handbook.enapter.com)



### 6 Dryer Control Network

- The dryer connected to a Dryer Control Network (DCN) **will start and stop automatically** in accordance with the status of the connected electrolyser(s).
- DCN allows you to monitor and control all connected devices via **Web GUI** or **Modbus TCP** interface.
- There are two types of DCN connection: **isolated 6A** for offline setups and **cloud-based 6B**.

## 6A Isolated Connection

### Start Dryer's pairing mode

1. **Turn off** the dryer.
2. Press and hold the **Start/Stop button** and **turn on** the dryer.
3. Keep the button pressed.  
The LEDs will start blinking one after another. Wait until the LEDs stop and start blinking again.

4. Release the button.

All LEDs on the device will blink once and continue blinking one by one.



one by one



stop blinking

Release the button



one by one

5. Dryer is in pairing mode.

The pairing mode stays active for 30 minutes. Start pairing electrolyser(s) now.

### Start Electrolyser's pairing mode

1. **Turn off** the device.
2. Press and hold the **Start/Stop button** and **turn on** the device.
3. Keep the button pressed.  
The LEDs will start blinking one after another. Wait until the LEDs stop and start blinking again.

4. Release the button.

All LEDs on the device will blink once and continue blinking one by one.

5. Device is in pairing mode.

All LEDs are blinking one by one.

6. **Repeat** for each electrolyser you want to connect.

### Start Water Tank's pairing mode

1. **Turn off** the water tank.
2. **Turn the device on and off 5 times** to begin pairing.  
Turn the device on, as soon as the LEDs light up, then turn the device off again. Wait for the LEDs to stop blinking before turning the device on again.

3. Turn on water tank.

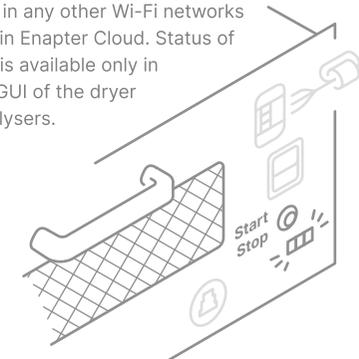
All LEDs start blinking one by one.

4. Water Tank is in pairing mode.



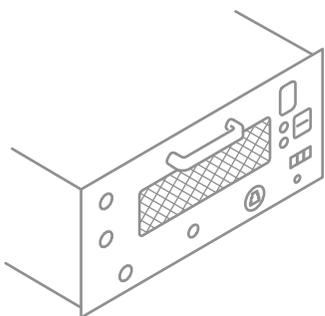
### Finish Pairing on the Dryer

1. Press the **Start/Stop button** on the dryer to finish pairing.  
All LEDs will blink once.
1. **Done!** Devices are connected to the Isolated Dryer Control Network (IDCN).  
Devices connected to the IDCN will go offline in any other Wi-Fi networks and sites in Enapter Cloud. Status of the IDCN is available only in the WEB GUI of the dryer or electrolysers.



### Factory Settings Reset

If you have any issues with your Dryer Control Network, you can delete it using Factory Settings Reset. You can factory reset devices in any order.

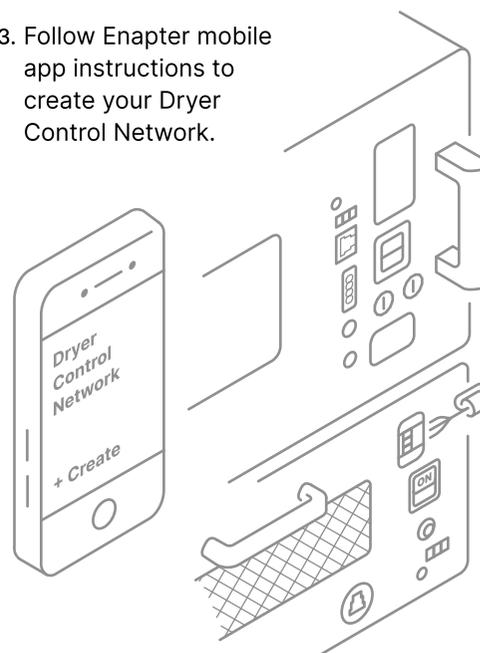


Latest instructions at [handbook.enapter.com](http://handbook.enapter.com)

## 6B Cloud-Based Connection

1. Before you start, please ensure:
  - You have installed **Enapter App** and **stable internet connection**.
  - All devices are installed properly. Dryer must be connected to the **same pipeline** as electrolyser(s).
  - All devices are connected to a one site in the Enapter Cloud and online.
2. In the Enapter App open the site dashboard, press  on the top right corner, open **Site Settings**, and find **All Control Networks** in the list.  
Or find Dryer Control Network directly in the dryer settings.

3. Follow Enapter mobile app instructions to create your Dryer Control Network.



## 7 Dryer Is Ready

- Monitor device activity in the Enapter App, Enapter Cloud, or WEB GUI.
- During normal operation, the LEDs indicate the status of the machine.

LED indications at [handbook.enapter.com](http://handbook.enapter.com)

\* Alternating current voltage of 220-240V is potentially lethal! Direct current voltage of 48-60V can be a hazard!