

COMPLETE BEGINNER SETUP

PolyTrader HyperTrader

Follow this guide from an empty setup to a running Hyperliquid bot. It covers the account, VPS, bot upload, install, private dashboard access, API wallet, connection check, dry run, and starting one trading method.

No coding required

Tokyo VPS recommended

One method at a time

PolyTrader HyperTrader

CONNECTED

ESTIMATED EQUITY

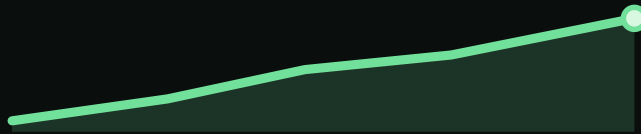
\$100.00

cash plus open position value

TRADING METHOD

Autopilot

other methods locked



Never share your seed phrase or main wallet private key.

The dashboard only needs your public trading wallet address and the Hyperliquid API wallet key created for bot trading. Do not send seed phrases or private keys in Discord, email, screenshots, support tickets, or chat.

The whole setup path

Each box is one job. Work left to right and do not start the bot until the connection check passes.

1

Create wallet

Install a wallet extension and back up the seed phrase offline.

2

Open Hyperliquid

Use the PolyTrader sign-up link and connect the wallet.

3

Deposit funds

Deposit USDC through the route shown inside Hyperliquid.

4

Create VPS

Choose Ubuntu in Tokyo so the bot can run 24/7.

5

Upload bot

Move the bot folder from the zip onto the VPS.

6

Install bot

Run the Linux installer on the VPS.

7

Open dashboard

Use a private SSH tunnel, then open localhost.

8

API wallet

Create and approve a Hyperliquid API wallet.

9

Connect

Save the public wallet address and API key in the dashboard.

10

Settings & start

Check Settings, then run one method after the dry check looks right.

What you need before installing

A wallet you control

Use a normal EVM wallet such as Rabby or MetaMask for the trading account. Back up the seed phrase offline before funding it.

Trading funds

Hyperliquid's onboarding docs describe USDC and ETH on Arbitrum as one common deposit path. Always follow the current deposit screen.

The customer zip

Unzip it on your computer. It should contain this guide, README, manifest, and a bot folder.

A Tokyo VPS

Use Ubuntu 22.04 or 24.04, 1 to 2 CPU cores, and 2 GB RAM minimum. Tokyo is the recommended low-latency VPS location for this bot.

One upload tool

Windows users can use WinSCP. macOS and Linux users can use Terminal with scp and ssh.

Patience for deposits

Small test deposits are safer than sending the full amount first.

Step-by-step setup

1

Create the trading wallet

If you already have a wallet you want to trade from, use that. If not, install a wallet extension and create a new wallet before opening Hyperliquid.

- Write the seed phrase down on paper and store it privately.
- Do not upload the seed phrase to cloud notes, screenshots, Discord, Telegram, or email.
- Keep enough ETH for any Arbitrum deposit gas if you deposit USDC from Arbitrum.

● ● ● Wallet setup

Keep private

Seed phrase: never paste into the bot

Main private key: never paste into the bot

Public address: safe to paste into dashboard

Simple rule

The bot needs permission through a Hyperliquid API wallet. It does not need your wallet seed phrase.

2

Create or connect the Hyperliquid account

Start from the PolyTrader Hyperliquid link, then connect the wallet you want the bot to trade from.

1. Click **Open Hyperliquid**.
2. Click Connect inside Hyperliquid.
3. Choose your wallet and approve the connection popup.
4. If Hyperliquid asks to enable trading, sign the gasless message.

Open Hyperliquid -> **Connect wallet** -> **Enable trading**

3

Deposit trading funds

Open the deposit screen in Hyperliquid and follow the current instructions shown there. Hyperliquid's official onboarding docs describe USDC on Arbitrum plus ETH for gas as one common path.

1. In Hyperliquid, open Deposit.
2. Choose the asset and network shown by Hyperliquid.
3. Send a small test deposit first if you are new.
4. Wait until Hyperliquid shows the balance.

● ● ● Deposit screen

Check these before sending

Asset: USDC or the asset Hyperliquid shows

Network: exactly what the app shows

Amount: start small, then add more

Deposit warning

Do not send tokens to a random address or random network. Use only the deposit route shown inside Hyperliquid.

4

Create the Tokyo VPS

A VPS is a cloud computer that keeps the bot online when your laptop is off. Use a Tokyo/Japan VPS location for the recommended low-latency setup.

Recommended first choice

Click [Create a Vultr VPS](#), then deploy a cloud compute server in Tokyo.

If Tokyo is unavailable

Use another provider only if it clearly offers a Tokyo/Japan VPS location and Ubuntu server access.

1. Choose Cloud Compute or the basic shared CPU option.
2. Choose Tokyo, Japan as the VPS location.
3. Choose Ubuntu 22.04 LTS or Ubuntu 24.04 LTS.
4. Choose at least 1 CPU and 2 GB RAM. Use 2 CPU and 4 GB RAM if you want more headroom.
5. Use root password login for the beginner path, or SSH keys if you already understand SSH keys.
6. Deploy the VPS and copy the public IP address.

Keep this private

Save the VPS IP and password in your password manager. The guide uses YOUR_VPS_IP as a placeholder.

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Unzip the customer package

On your own computer, unzip the package. You should see these files and folders:

```
setup-guide.html
setup-guide.pdf
README.txt
PACKAGE-MANIFEST.json
bot/
```

The bot folder is what gets uploaded to the VPS. Do not rename files inside it.

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Install the upload tool for your computer

Windows

Install **WinSCP** for drag-and-drop upload. Use PowerShell or Windows Terminal for SSH.

macOS

Use the built-in Terminal app. No extra upload app is required for the command-line method.

Linux

Use the built-in terminal. Most Linux desktops already include ssh and scp.

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Upload the bot folder to the VPS

Choose the instructions for your computer.

Windows with WinSCP

1. Open WinSCP.
2. File protocol: SFTP.
3. Host name: YOUR_VPS_IP.
4. User name: root.
5. Password: your VPS root password.
6. Click Login.
7. On the right side, open /root.
8. Create a folder named polytrader-hypertrader.
9. Open that folder and upload everything inside your local bot folder.

macOS or Linux terminal

Open Terminal in the unzipped customer package folder and run:

```
ssh root@YOUR_VPS_IP "mkdir -p /root/polytrader-hypertrader"
scp -r bot/* root@YOUR_VPS_IP:/root/polytrader-hypertrader/
```

Replace YOUR_VPS_IP with the VPS IP address.

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SSH into the VPS and run the Linux installer

Open PowerShell, Windows Terminal, macOS Terminal, or Linux Terminal.

```
ssh root@YOUR_VPS_IP
cd /root/polytrader-hypertrader
sudo bash install.sh
```

When the installer finishes, the dashboard service starts on the VPS, but it stays private on localhost.

Expected result

The terminal prints that PolyTrader HyperTrader is installed and shows the SSH tunnel command.

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Open the dashboard privately

Keep the VPS SSH window open, or open a second terminal window on your own computer and run:

```
ssh -L 8090:127.0.0.1:8090 root@YOUR_VPS_IP
```

Then open this on your own computer:

```
http://127.0.0.1:8090
```

Private dashboard path

Your browser: localhost:8090

SSH tunnel: encrypted connection

VPS dashboard: only bound locally

If the page does not load

The tunnel window must stay open. Also confirm the VPS IP is correct and the dashboard service is running.

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Create the Hyperliquid API wallet

Hyperliquid calls API wallets agent wallets in its docs. The API wallet signs orders for your main account, while the dashboard still queries your main public wallet address.

1. Open **Hyperliquid**.
2. Open the API wallet area from inside the app.
3. Create a new API wallet.
4. Approve it when your main wallet asks you to sign.
5. Copy the API wallet private key once and store it safely.

Important dashboard detail

Paste the main trading wallet public address into the wallet address field. Paste the API wallet key into the API key field. Do not paste the API wallet address as the trading wallet address.

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Save the connection in the dashboard

In the dashboard, open Account Connection and fill in only these two fields.

Account Connection

Customer trading wallet address

Paste the public wallet address

API wallet private key for orders

Paste the API wallet key

Save connection

● ● ● Connection check

After saving

Click Check connection

Expected: Hyperliquid responded

Expected: balance or account data appears

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Run a dry arb scan before live trading

This checks that the bot can scan Hyperliquid prediction markets without placing orders.

```
ssh root@YOUR_VPS_IP
cd /opt/polytrader-hypertrader
ARB_DRY_RUN=1 ARB_RUN_SECONDS=20 ARB_MAKER_ENABLED=0 ARB_TAKER_ENABLED=1 .venv/bin/python arb_bot_v2.py
```

The dry run should print scan activity and then stop. A dry run should not spend funds.

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Review Settings, then start one trading method

Use the dashboard Settings tab to choose Cautious, Balanced, or More trades. New installs use Balanced: at most 10% of usable balance before the dollar cap, a \$100 starting trade cap, 10x BTC hedge leverage, and a 5% daily-loss pause. Existing installs keep their saved settings. Presets are starting risk policies, not profitability claims or personal advice. After that, use the Trading method section and start only one method at a time.

Prediction Autopilot

Main method. Watches the current prediction market, sizes from the detected balance, manages risk controls, and waits for close or settlement.

Prediction Market Arb (Beta)

Starts in dry run on new installs. It subtracts the account's current Hyperliquid outcome close/settlement fee before taker or maker edge can qualify, verifies both live fills separately, and tries to flatten unmatched inventory immediately. Review dry-run results before considering live use.

Referral Unlock Tool

Optional helper for customers who want to unlock their own Hyperliquid referral code. It is not the profit strategy.

Trading risk

Automated trading can lose money. Start small, watch the first cycle, and do not run multiple methods on the same balance.

Using the Settings tab

After the dashboard is running, customers do not need terminal commands for normal bot tuning. Autopilot's new-entry decision also uses a fail-closed all-in estimated-cost gate for fees, executable depth, slippage, funding, and the active edge floor; those values are estimates, not guaranteed actual costs.

Account Connection

Save the public trading wallet address and Hyperliquid API wallet key.

Prediction Autopilot

Edit sizing, minimum edge, hedge behavior, add-to-winner controls, and timing.

Cut losing hedge

Default on. Lets Autopilot close a losing BTC hedge when the prediction side is already winning and projected settlement profit remains positive.

Re-arm hedge

If BTC breaks back across the target after a hedge cut, Autopilot can hedge again.

Prediction Market Arb

Edit scan speed, minimum arb edge, dry run, taker mode, maker mode, and USDC sizing.

Referral Unlock Tool

Edit symbol, leg size, target volume, safety ceiling, and cycle delay.

Save settings

Saves values to the VPS so they apply the next time that method starts.

Save & restart running method

Saves values and restarts the active systemd strategy so changes apply immediately.

Updating the bot later

Updating means replacing the program files. Do not delete the saved VPS data folder unless support specifically tells you to.

Fast VPS update

1. Unzip the newest PolyTrader HyperTrader package on your computer.
2. Upload everything inside the new bot folder into `/root/polytrader-hypertrader/` on the VPS.
3. Choose overwrite or replace if your upload tool asks.
4. SSH into the VPS and run the updater.

```
cd /root/polytrader-hypertrader
sudo bash update.sh
```

What stays saved

The updater keeps the customer account connection, dashboard settings, bot state, logs, and saved keys in `/opt/polytrader-hypertrader/`. You do not need to stop the bot first.

After updating

Open the dashboard, check the top status bar, and confirm the method you want is running. If a method was already running before the update, the updater restarts that same method.

Windows local installs can rerun `install.bat`. macOS local installs can rerun `./install_macos.sh`.

Dashboard labels in plain English

Estimated equity

Cash plus open positions valued at the latest available price. Deposits still show here because they are real account funds.

Open P&L

Estimated profit or loss for the current open trade before it closes. Extra deposits added mid-trade are not counted as bot profit.

Realized P&L

Profit or loss the bot has already counted from closed cycles.

Total P&L tally

Realized P&L plus the current open trade estimate.

Daily P&L calendar

Green and red boxes grouped by UTC day. Today can include the open trade estimate until it closes.

Cycle win/loss history

Each prediction cycle shown as Open, Win, or Loss with its own P&L. A normal loss is not the same thing as liquidation.

Equity curve

A simple line showing the bot-tracked equity estimate over time, excluding extra deposits added during an open trade.

Risk hedge

A BTC futures hedge only when the strategy decides risk control is needed. The bot can cut it if it starts reducing a strong projected win.

Hedge cut/released

No BTC hedge is open because the bot deliberately closed it to protect the combined trade result.

Hedge liquidation buffer

Only matters when a BTC hedge is open. No hedge means no hedge liquidation risk.

Available balance

Funds Hyperliquid reports as available for new trades.

Trading method locked

Another method is already running, so the dashboard blocks a second method from using the same balance.

Useful service commands

Run these on the VPS after SSH login.

Dashboard

```
sudo systemctl status polytrader-hypertrader-dashboard --no-pager
sudo systemctl restart polytrader-hypertrader-dashboard
```

Prediction Autopilot

```
sudo systemctl start polytrader-hypertrader-autopilot
sudo systemctl stop polytrader-hypertrader-autopilot
sudo journalctl -u polytrader-hypertrader-autopilot -f
```

Prediction Market Arb

```
sudo systemctl start polytrader-hypertrader-arb
sudo systemctl stop polytrader-hypertrader-arb
sudo journalctl -u polytrader-hypertrader-arb -f
```

Dashboard tunnel

```
ssh -L 8090:127.0.0.1:8090 root@YOUR_VPS_IP
```

Optional local install

The Linux VPS install is the normal 24/7 trading setup. Windows and macOS local installs are included for learning, checking the dashboard, and development-style testing on your own machine.

Windows local dashboard

1. Install Python 3.11 or newer.
2. Open the bot folder.
3. Double-click `install.bat`.
4. Double-click `start_dashboard.bat`.
5. Open `http://127.0.0.1:8090`.

macOS local dashboard

```
cd bot
chmod +x install_macos.sh start_dashboard.sh
./install_macos.sh
~/PolyTraderHyperTrader/start_dashboard.sh
```

If something does not work

WinSCP cannot connect

Check the VPS IP, username root, password, and SFTP protocol. If the VPS provider uses SSH keys, load the key in WinSCP instead of a password.

Dashboard page does not load

Keep the SSH tunnel window open. Then run `sudo systemctl status polytrader-hypertrader-dashboard --no-pager` on the VPS.

Connection check fails

Make sure the wallet address is the main trading wallet address, not the API wallet address. Make sure the API wallet was approved inside Hyperliquid.

Balance does not show

Wait for the deposit to appear inside Hyperliquid first. The bot cannot trade funds that Hyperliquid has not credited yet.

Another method is locked

Stop the running method before starting a different one. This protects the account from two strategies spending the same balance.

Someone asks for your seed phrase

Stop. That is not part of PolyTrader HyperTrader setup.

Sources checked

Hyperliquid and VPS screens can change, so this guide links to current official pages where possible.

- Hyperliquid start trading guide: [**official onboarding docs**](#).
- Hyperliquid API wallets / agent wallets: [**official API wallet docs**](#).
- Hyperliquid bridge mechanics: [**official bridge docs**](#).
- Vultr cloud compute provisioning: [**official Vultr docs**](#).
- Vultr Tokyo/Japan location listing: [**Vultr locations page**](#).
- WinSCP for Windows uploads: [**official WinSCP download**](#).
- Windows OpenSSH reference: [**Microsoft OpenSSH docs**](#).
- PolyTrader Hyperliquid app link: [**Open Hyperliquid**](#).
- PolyTrader VPS link: [**Create a Vultr VPS**](#).