GUIDE · IN ENGLISH

Wi-Fi connection

JSDsolar J4000E 4kW 24V inverter: monitoring from a phone via the Wattseek app: installation, registration, connection to the home network, creating a station

The Wattseek app is in English, so the button names below are given as they appear on the screen. You need a smartphone with Bluetooth and location, a home **2.4 GHz** Wi-Fi network and its password.

Step 1. Switch on the inverter

Switch on the inverter and make sure all its parts work normally: there are no error codes on the display, and the phone is next to the inverter.

Step 2. Install the Wattseek app

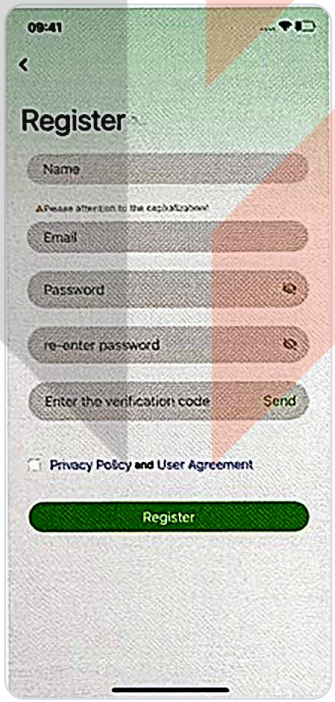
Open the App Store (iPhone) or Google Play (Android), search for **Wattseek** and install the app. You can also scan the QR code in the paper manual that comes with the inverter.

Step 3. Register

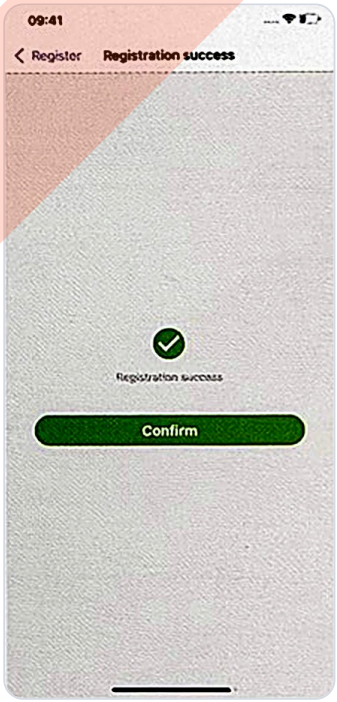
1. Launch Wattseek and tap **Register** (sign up) under the login button.
2. Fill in the fields as prompted: **Name** (your name), **Email** (email address), **Password** and **re-enter password** — the password twice (case-sensitive). Tap **Send** , enter the code from the email in the **Enter the verification code** field, tick the box to accept the terms and tap **Register** .
3. Tap **Confirm** to start. From then on, log in with the **Login** button using the same email and password.



1 Login screen: tap **Register**



2 Registration form: name, email, password twice, code from the email



3 Registration complete: tap **Confirm**

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Step 4. Connect the inverter to Wi-Fi

1. In the bottom menu, open the **Serve** (service) section and tap **Network Configuration**.

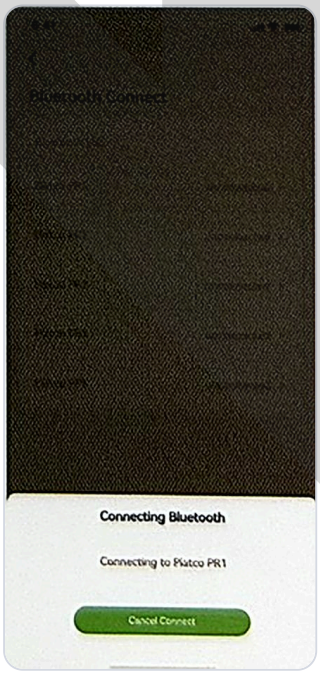
2. **Bluetooth Connect** opens with a list of nearby devices. Tap the name that matches your inverter's serial number (on the sticker of the Wi-Fi module or the inverter).
3. Wait until the Bluetooth connection is established (**Connecting Bluetooth):** the app moves on to the network setup by itself.
4. In the **WiFi Information** block, select your network in the **SSID** field, enter the password in the **Password** field and tap **Connect .** The connection status is shown in the **WiFi Status** line.



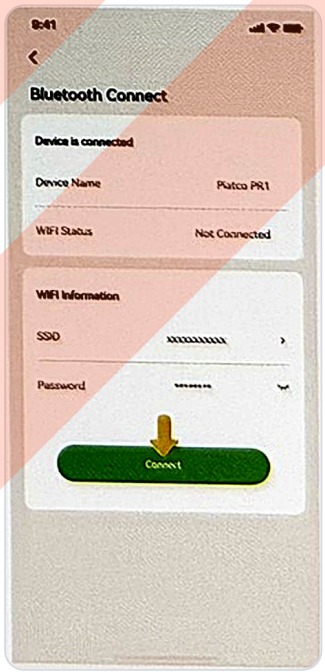
1 At the bottom, **Serve**, then **Network Configuration**



2 Select the inverter by its serial number



3 Bluetooth connection in progress; **Cancel Connect —** cancel



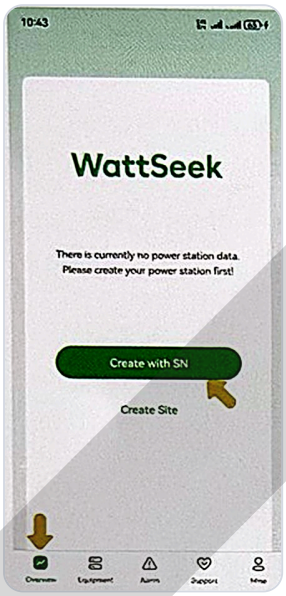
4 Network (SSID), password and **Connect**

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Step 5. Create a station by serial number (fastest)

1. Log in to the app and open the **Overview** (overview) section: the add-station page appears.
2. Tap **Create with SN** (create by serial number). The other way is the **Create Site** button, see step 6.

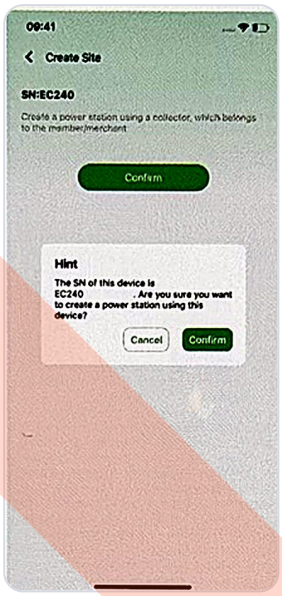
3. Scan the QR code or barcode on the Wi-Fi module sticker, or tap **Manual entry** and enter the serial number manually; then **Confirm .**
4. In the **Hint** prompt, tap **Confirm** again: the station is created and step 6 can be skipped.



1 **Overview** section: tap **Create with SN**



2 Point the camera at the code or **Manual entry**

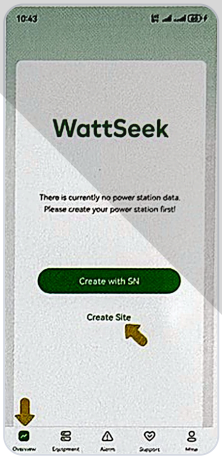


3 Serial number found: **Confirm**, then once more **Confirm**

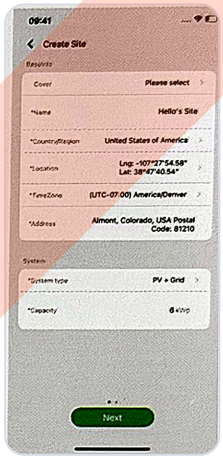
Step 6. Create a station manually and add the inverter

This method replaces step 5. Tap **Create Site** (create station) and fill in the details as prompted:

Name — name, **Country/Region —** country, **Location** and **Address —** place, **TimeZone —** time zone (for Ukraine UTC+02:00 Kyiv), **System type —** system type (for example, PV + Grid), **Capacity —** panel capacity in kW. Tap **Next .**



1 **Overview** section: tap **Create Site**



2 Station details, then **Next**

Step 6 (continued). Link the inverter to the station

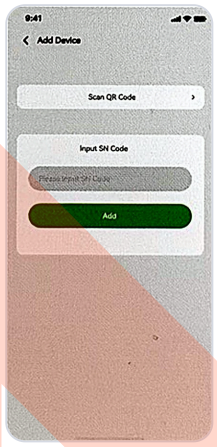
1. On the last screen, enter the currency (**Currency**) and tariffs (**Type , Price),** tap **Create .** The station is created; open it.
2. On the devices tab, tap the ⠿ button in the top right corner and select **Add Device**.
3. Tap **Scan QR Code** and scan the code on the Wi-Fi module sticker, or enter the serial number in the **Input SN Code** field; then **Add .**
4. Refresh the device list: if **datalogger** (the Wi-Fi module) shows **normal ,** the inverter has been linked successfully.



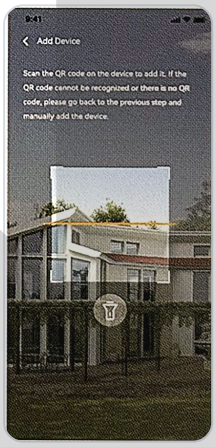
1 Currency and tariffs, then **Create**



2 Button in the top right corner, then **Add Device**



3 **Scan QR Code** or serial number and **Add**



4 Point the camera at the Wi-Fi module QR code



5 Status **normal :** linking complete

Frequently asked questions

Which Wi-Fi network does the inverter support?

Only 2.4 GHz; 5 GHz networks are not supported. Check that your router broadcasts a network in the 2.4 GHz band (on dual-band routers, enable it separately or give it a separate name).

Why can't the inverter connect to the network?

Most often, location and Bluetooth permissions have not been granted on the phone for the phone and for the Wattseek app. Turn on Bluetooth and location, allow them for the app in the phone settings and repeat step 4 standing next to the inverter. Also check the Wi-Fi password (case-sensitive).

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