Calpeda FLOW

User manual

This section guides you through the process of **logging in** and **registering a new Calpeda pump** to the app.

Adding a New Pump

To begin monitoring a new pump:

1. Log in using your existing account credentials.
2. Tap the **"Add new pump"** tile.
3. Enter the required setup information, such as **"Customer Name"** and **"Location"**.
4. Tap **"Find nearby pumps"** to scan for devices in your proximity.

Note: The search is exclusively for Calpeda devices; all other devices are automatically filtered out.

5. Start the scanning process.
6. Select the desired pump from the list to complete the addition.
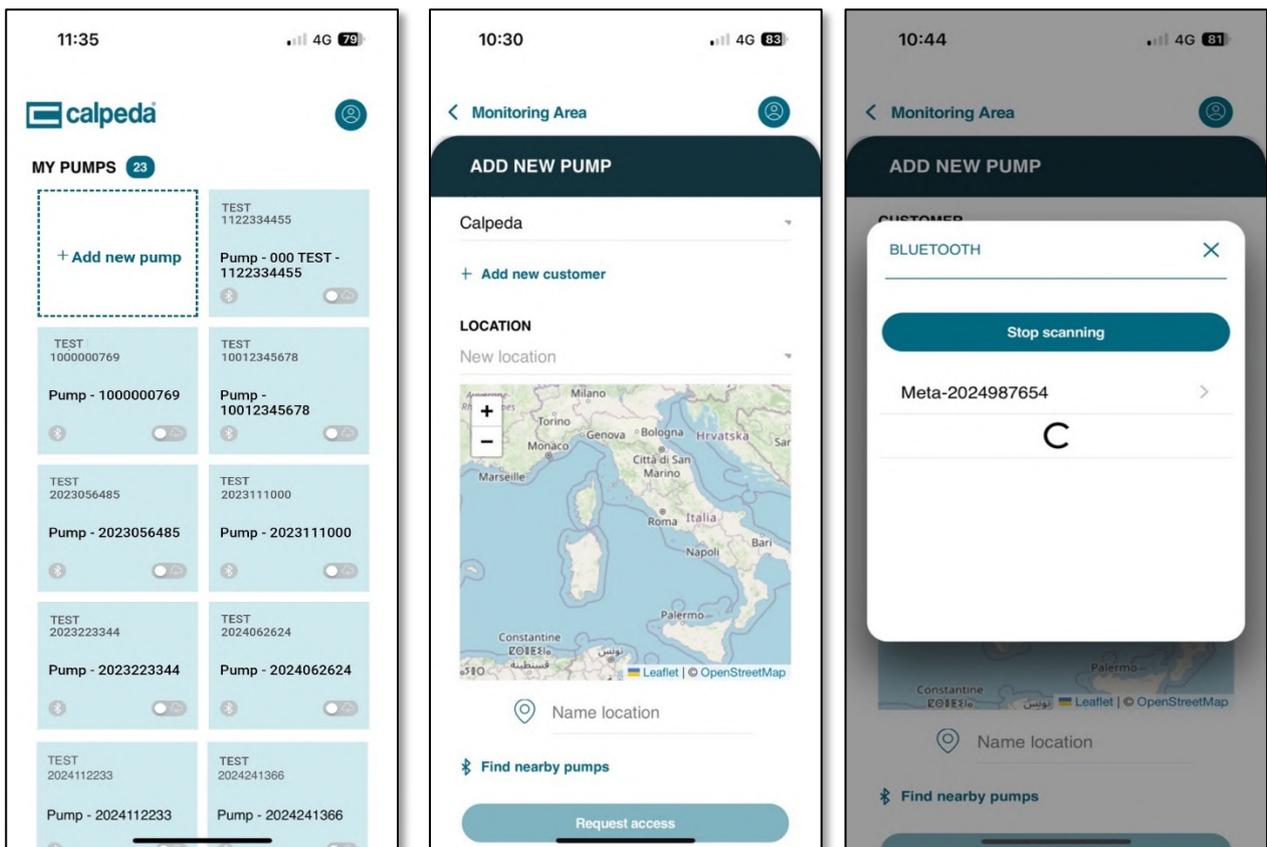
Main Page

Once the pump is added, the **Main Page** will open, providing a comprehensive overview of the pump's operational status and parameters.

- **Operation Status Parameters:**
    - **Pump Status:** Indicates the current state (**Run**, **Standby**, **Off**, or **Error**).
    - **Bluetooth Communication Status:** Shows the connection status with the app.
    - **Cloud:** Tapping the corresponding button enables **Cloud communication**. Data transmitted to the app will be archived in the Cloud, allowing for remote management and analysis in case of faults or malfunctions.
- **Real-time Operating Parameters:** Displays live data, including **current pressure**, **absorbed power and current**, and **mains voltage**.
- **Operating Parameter Settings:** Allows you to adjust basic operational settings, such as the pressure set point.
- **Advanced:** These parameters can only be modified remotely by qualified personnel.
- **Synchronize with cloud:** Tap this icon to transfer any parameters that were modified in the Cloud to the physical pump.
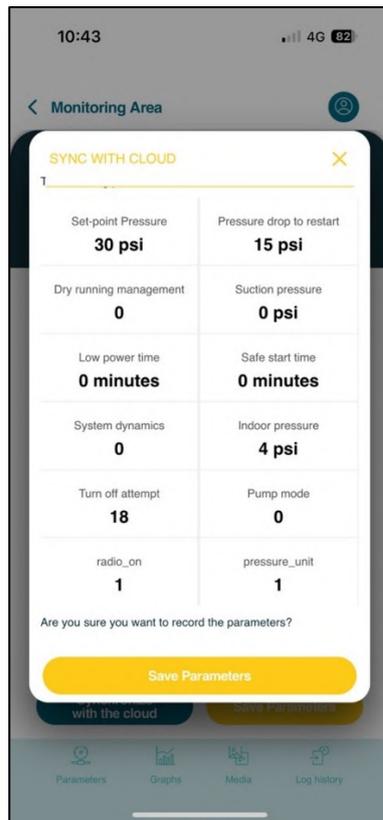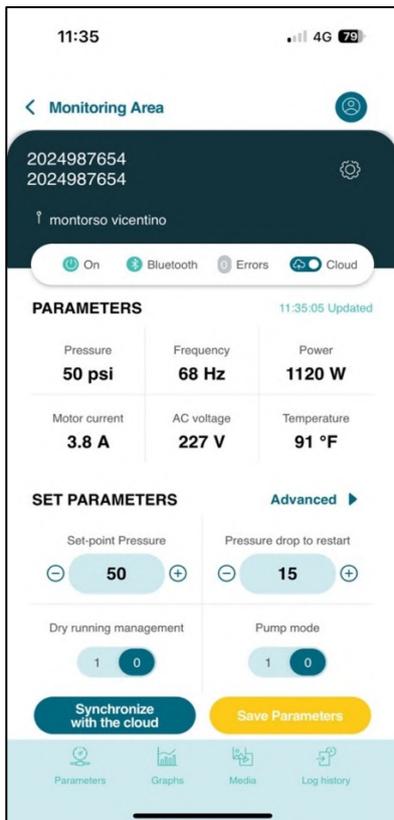
Graphs and Event Logs

- **Graphs:** Tap the **"Graphs"** icon to view available real-time parameters displayed in graphical format.
    - Tapping a specific point on the graph allows you to view the exact value and the date/time for that particular parameter. This feature enables precise monitoring of the pump's behavior at a specific moment.
- **Log History:** The **"Log history"** screen displays saved graphs, providing a historical record of the pump's operation.

Media

The **"Media"** screen allows you to upload photos of the pump or the system in which it is installed. This feature is especially useful for Service Technicians to better understand and diagnose potential anomalies.
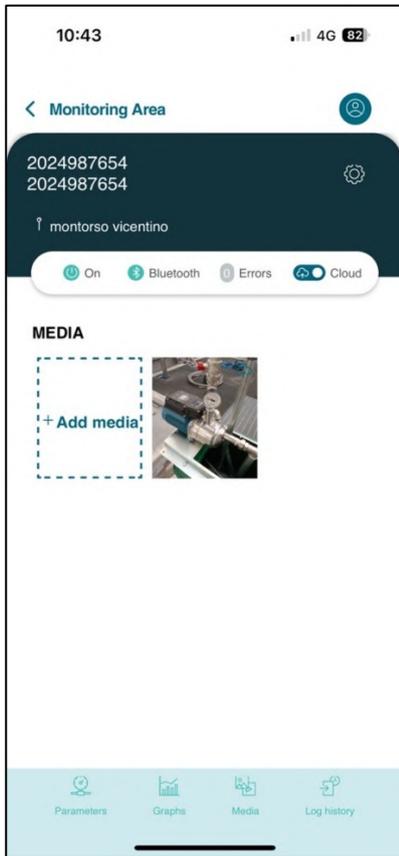
Errors Page

- Tap the **"Errors"** icon to view both active errors currently affecting the pump and stored errors from previous events.
- Tap the **"Reset errors"** icon to clear any active faults.
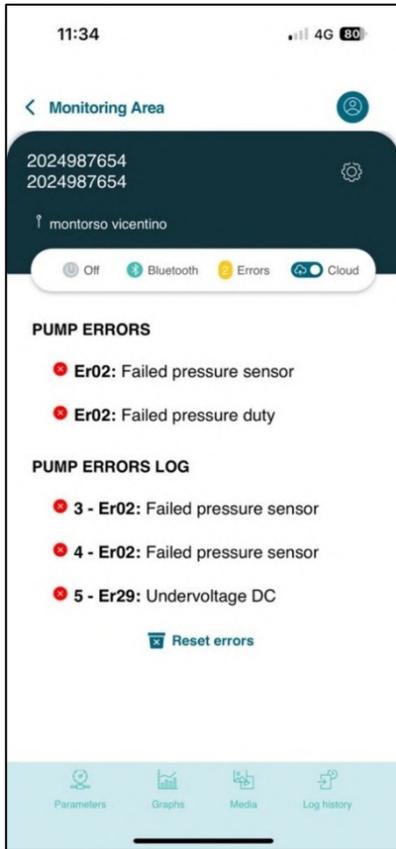
Pump Information

Tap the **gear icon** to access the pump's general information. This includes:

- **Serial Number** and **Pump Model**
- **Installation Location**
- **Firmware Version**
- **Bar/PSI Conversion** setting