

PumpFuse (PF03) User Manual

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Introduction & Setup

What is the app for?

Welcome to the PumpFuse app! This app is designed to provide you with control and monitoring capabilities for your PumpFuse devices. With the app you can

- Monitor operation of your sump pump remotely
- Turn on/off power to the pump
- Receive alerts as push notifications

- See pump runs history
- Record pump runs
- Get pump insights

How to install and set it up

Follow these steps to download and install the PumpFuse app:

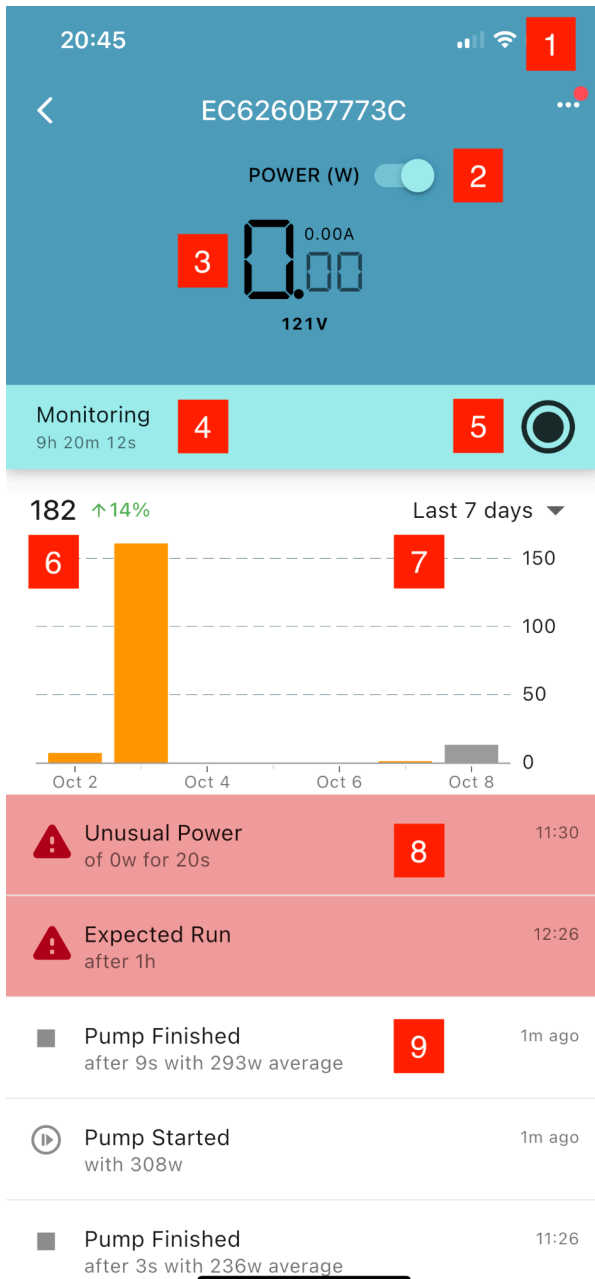
- Open the App Store (iOS) or Google Play Store (Android).
- Search for "PumpFuse" and tap "Download."
- Once downloaded, open the app and follow on-screen instructions to install.

Core Features

Simple to connect

- 1) Please make sure you give all permissions requested by the app.
- 2) The PumpFuse device should be in a connectable state - a white LED light is flashing. If it is not in this state press and hold the LED button for 7-10 seconds to reset the connection.
- 3) Tap "Add device" and follow the instructions.

Home screen



1. Main menu.
2. Power ON / OFF switch
3. Power / Current / Voltage indicator
4. Monitoring status indicator
5. Pump run recording button
6. Pump runs count
7. Date range
8. Active alerts (red background)
9. Alerts history

Settings

Alerts

You can enable/disable alerts and reset alert settings anytime. Active alerts will be shown with a red background at the top of the list and can be dismissed. You will not get the same type of

alert again until it is dismissed. Alerts are logged into the alerts log and also sent as push notifications.

Alert	Description
Pump Started	The sump pump starts running.
Pump Finished	The sump pump stops running.
Excessive Run	Pump runs continuously for longer than a predefined period (e.g., more than 30 minutes).
Expected Run	The pump does not run during periods when it is expected to run based on historical patterns of regular activity.
Unusual Power	The pump exhibits power consumption when it is expected to be idle, or the power consumption is significantly different from the usual idle power draw.
Short Cycling	Pump starts and stops too frequently within a short period (e.g., several cycles within minutes).
Long Cycling	Pump cycles with durations significantly longer than your normal range.
High Power	Power consumption exceeds a predefined threshold (e.g., >500W for an extended period).
Low Power	The sump pump's power consumption is significantly below the normal operating range when it is supposed to be running.
Disconnection	Loss of power to the pump system detected or device disconnected.

Pump Runs Detection

Pump run detection settings allow you to configure the power trigger parameters. It is useful to review if you have some sort of battery backup generator connected between the PumpFuse device and your pump. Tap and hold (i) icon on the right side of any parameters to read the description.

Firmware Update

Use this feature to keep the firmware of the PumpFuse device up-to-date.

About

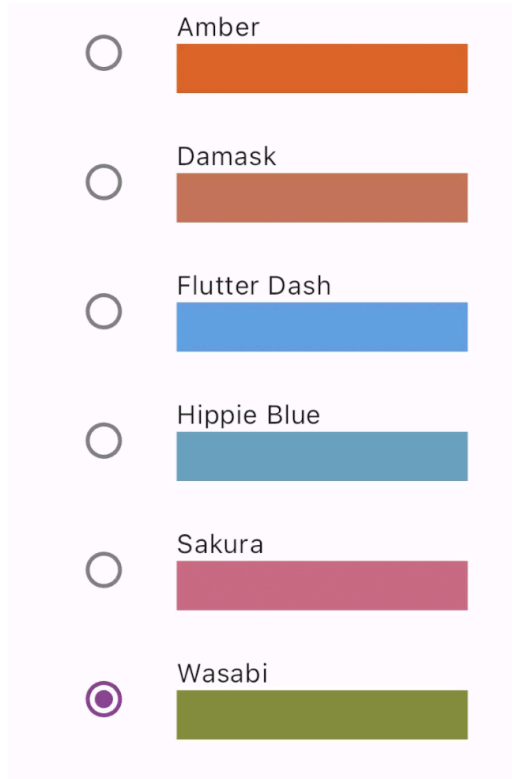
You can see the device MAC address, software versions and also can rename the device here.

Factory Reset

Use this option to remove all data and restore all settings to factory settings.

Color theme

Customize the color theme of your pump profile here.



Records

Manage your pump run recordings here. Swipe left to delete a recording.

Pump Runs

Allows you to download the historical data of your pump runs.

Pump Insights

Gives you vital statistics on your pump performance for the last 24 hours, last 7 and 30 days.

Share

You can share your connection to the device with another smartphone using this option.

LED Button States

Top LED state	Description
Flashing white	Device is ready to be added to the app.
Solid blue	Device is fully connected
Yellow	Device is reconnecting
Sold red	There is at least one active alert

Bottom LED state	Description
Solid blue	Relay is closed. Pump is connected to power.
Off	Relay is open. Pump is disconnected from power.

FAQ

Can I turn off/on the power to the pump remotely?

Yes, you can turn off and on power using a switch control on top of the home screen. When you turn off the power there will be a push notification - "The pump was disconnected from power supply" and a "Turn Off" alert will appear in the logs.

Contact Information

For further assistance, contact PumpFuse support at sales@pumpfuse.com.

