AALROOT™

Smart Water Tank Monitoring & Controller

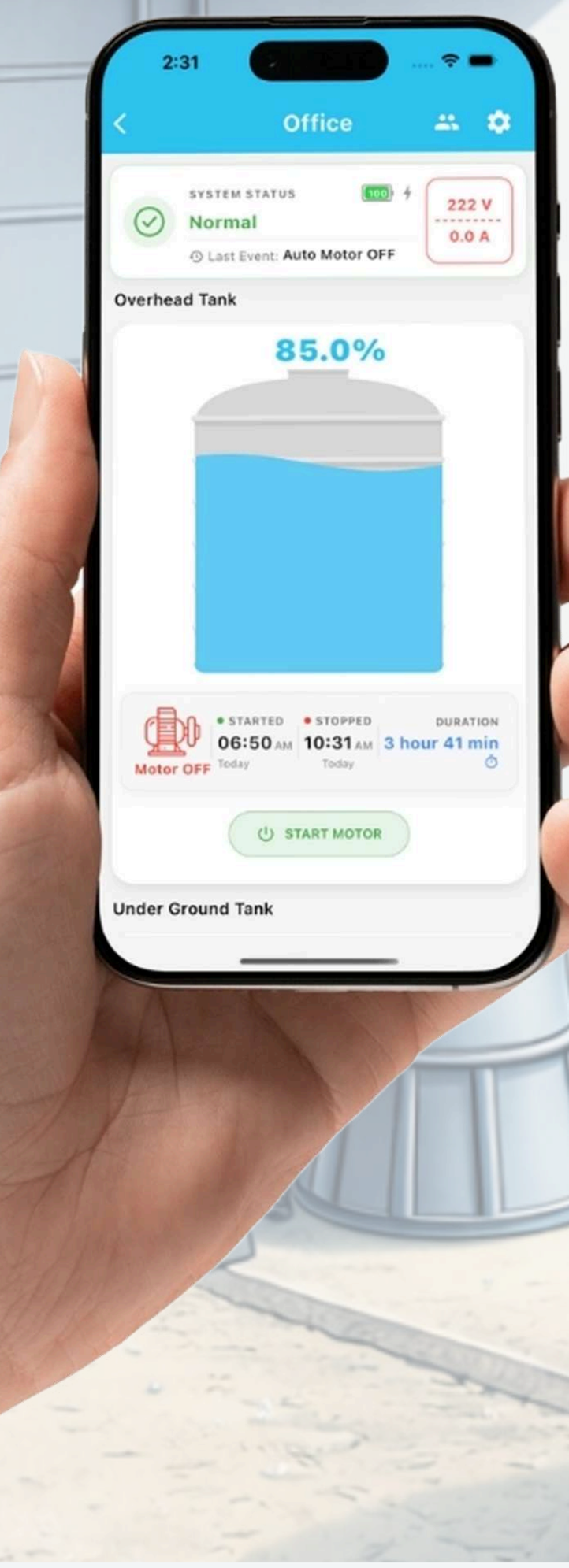
Submersible Sensor
Water levels 0-100%

App Control

Single or Three
Phase Support

Voltage & Current
Monitoring

Battery Backup



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OVERVIEW

Smart water tank controller is a modern solution that monitors water levels in real time and automatically controls the pump to prevent overflow and dry running, ensuring efficient water management.

HIGHLIGHTS

- Available on Andriod & iOS.
- Water & electricity cost savings.
- Automatic tank overflow prevention.
- Motor life protection.
- Remote control convenience.
- Supports single and dual tanks.
- Supports both single-phase and three-phase.
- Starts automatically when the tank is empty.
- Stop automatically when the tank is full.
- Even if you starts manually from application, motor stops automatically when tank full.
- Even if there is no electricity, you can monitor the tank level.
- Ideal for homes,apartments,farms & industries.
- Continuous tank level monitoring (0 -100 %).
- Supports long distance tank monitoring (up to 5KM from the motor).

MOTOR SAFETY & MONITORING

- Dry-run protection.
- Overload protection.
- Over -voltage / Under-voltage protection.
- R/Y/B phase monitoring.
- Motor current monitoring.
- Operation history monitoring.
- Instant smart alerts.

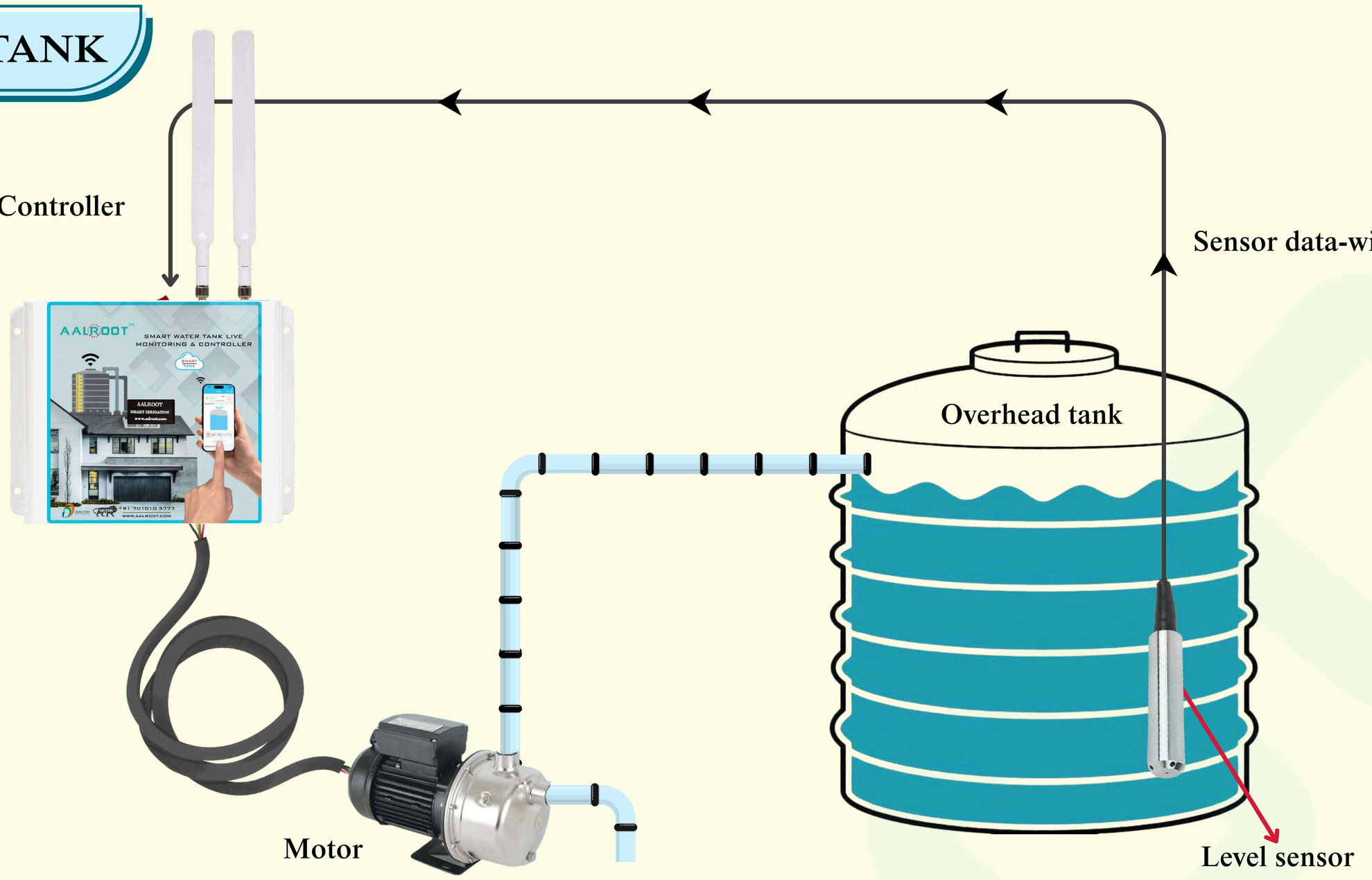
Submersible
Sensor (SS Grade)

MULTI-USER & MULTI- TANK SUPPORT

- Share access with family or staff members.
- Manage multiple houses/buildings.

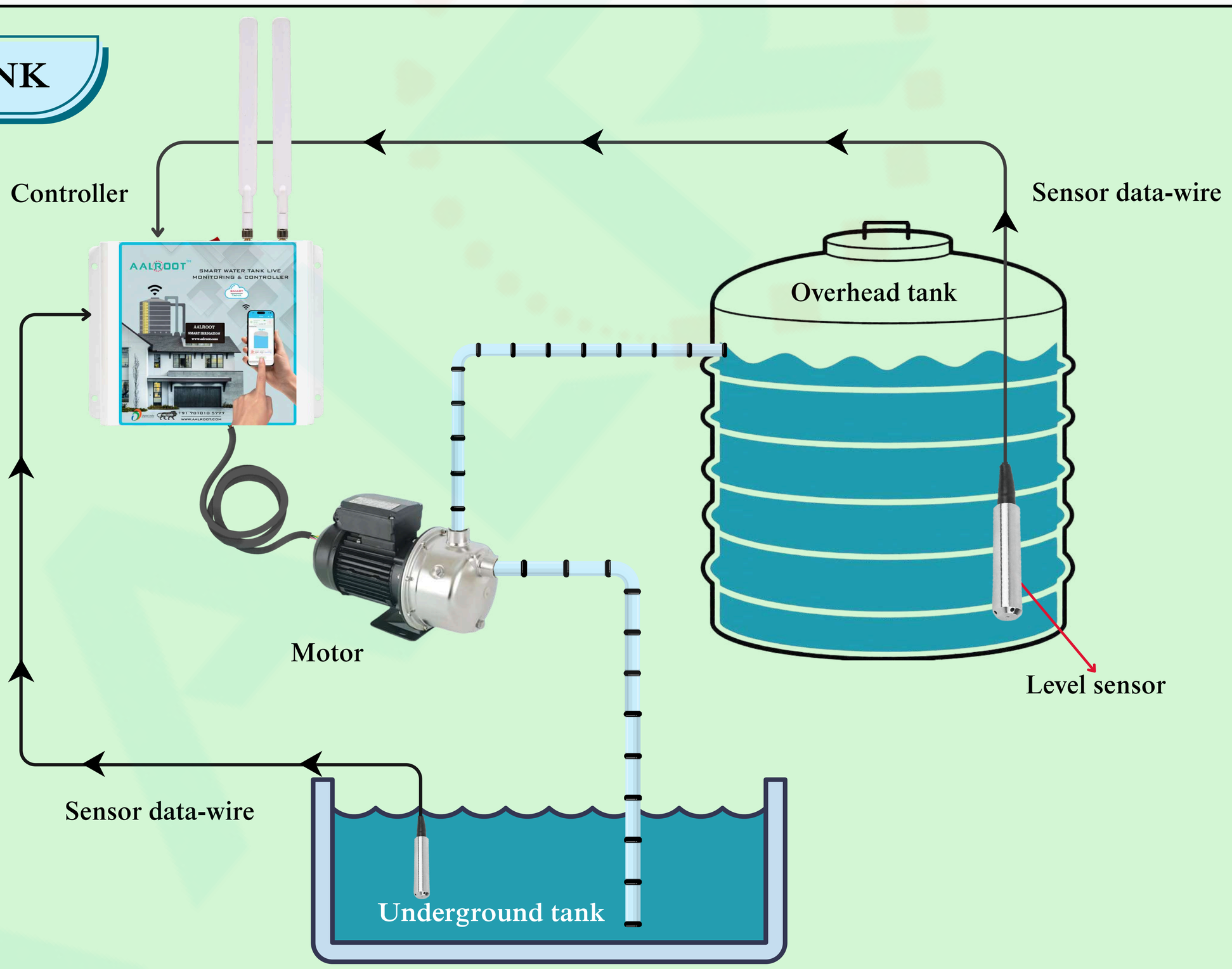
WIRE MODELS

SINGLE TANK



Model No	Tank type	Sensor connectivity	Phase support
SW1	Single	Wire	1 Phase
SW3	Single	Wire	3 Phase

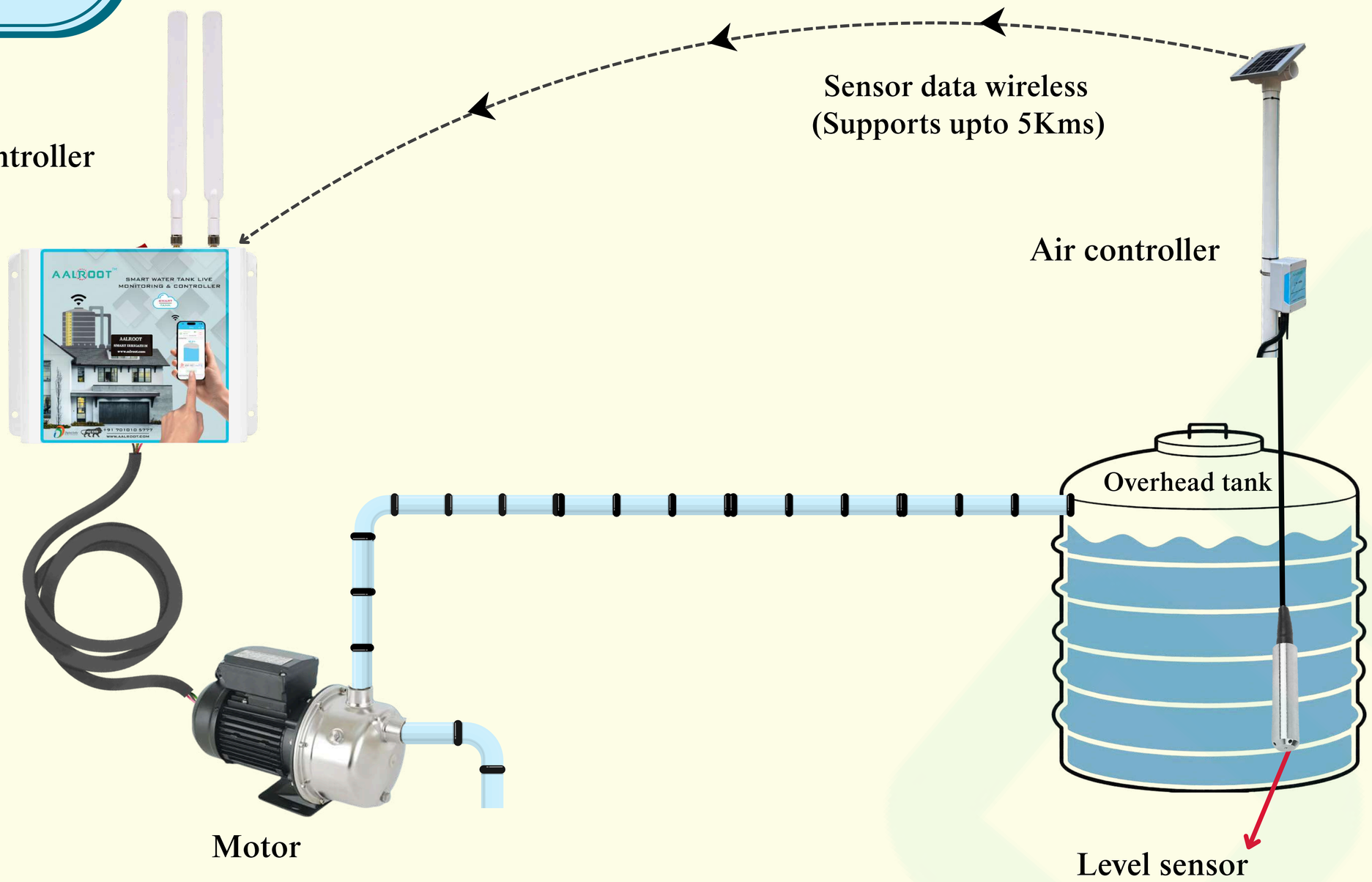
DUAL TANK



Model No	Tank type	Sensor connectivity	Phase support
DW1	Dual	Wire	1 Phase
DW3	Dual	Wire	3 Phase

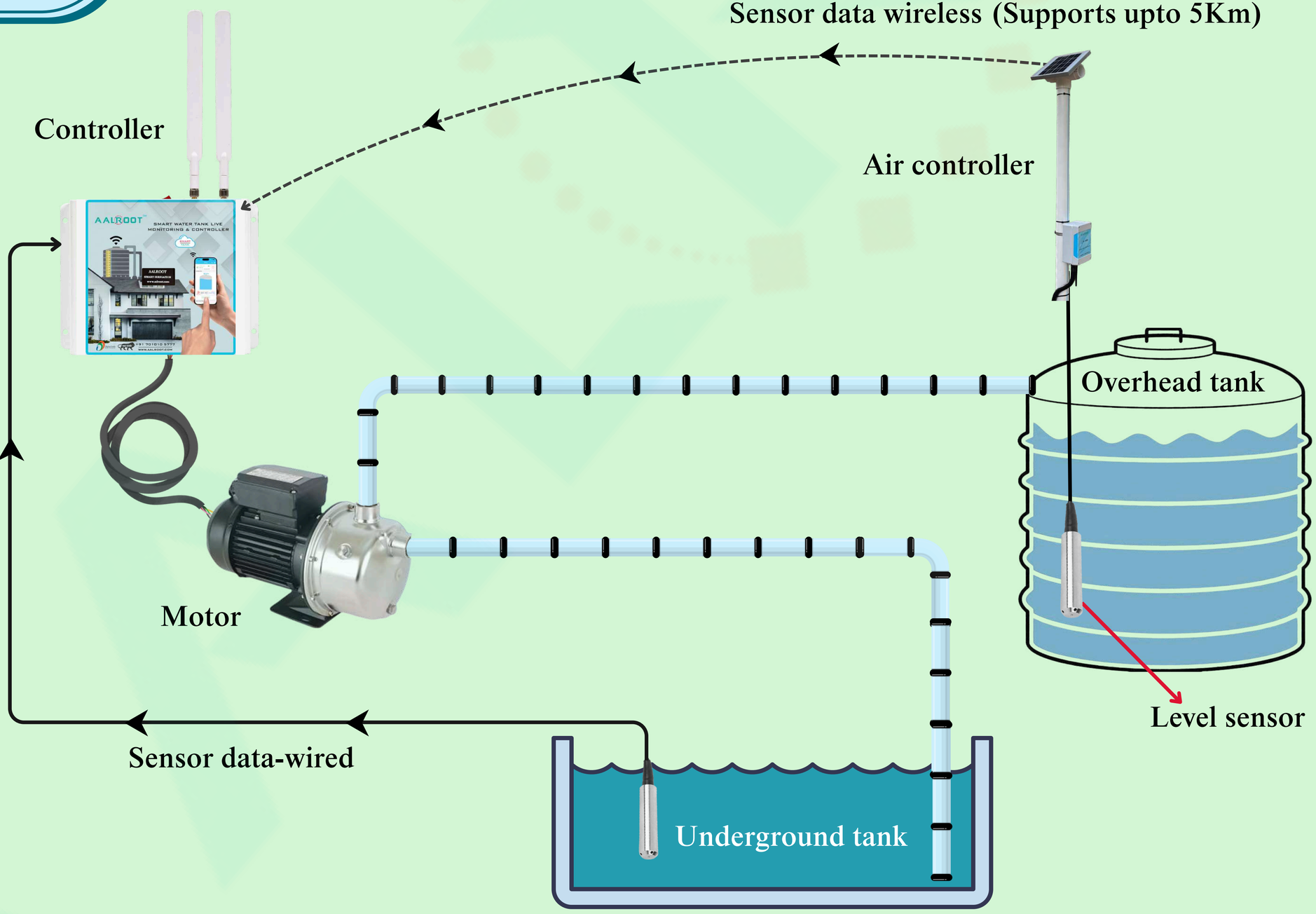
WIRELESS MODELS

SINGLE TANK



Model No	Tank type	Sensor connectivity	Phase support
SA1	Single	Air	1 Phase
SA3	Single	Air	3 Phase

DUAL TANK

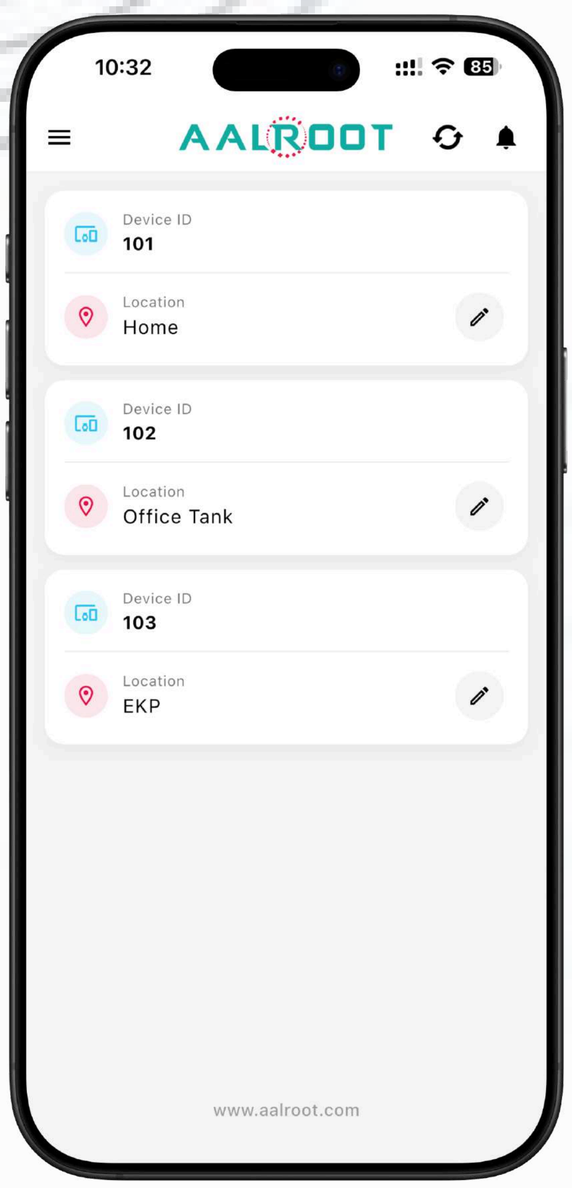


Model No	Tank type	Over-head tank sensor connectivity	Under ground tank sensor connection	Phase support
DA1	Dual	Air	Wire	1 Phase
DA3	Dual	Air	Wire	3 Phase

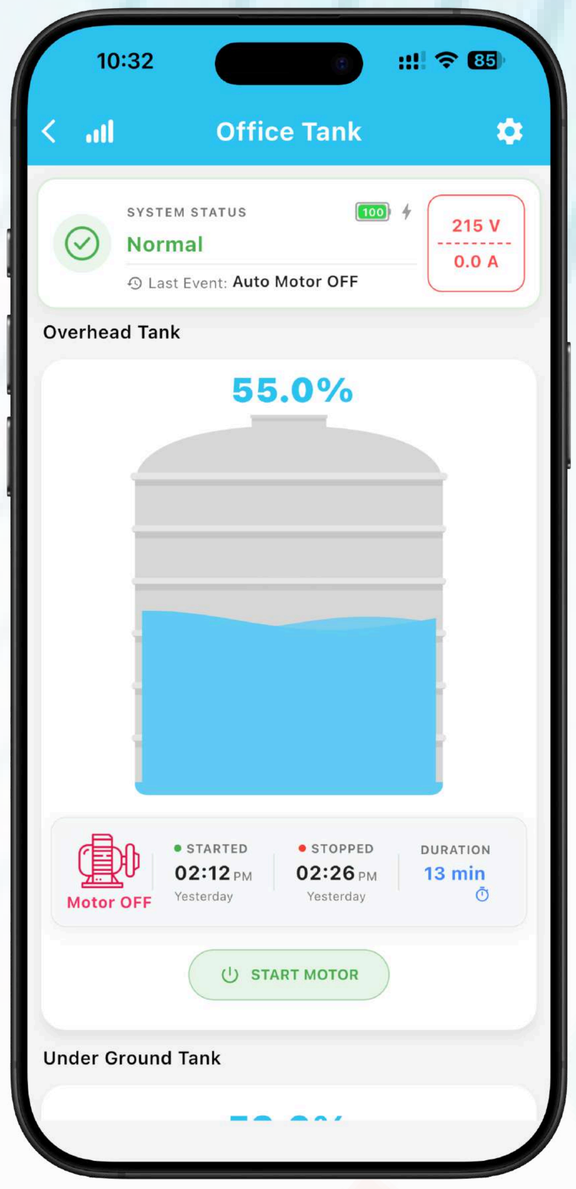
MOBILE APPLICATION

DEVICE LIST VIEW

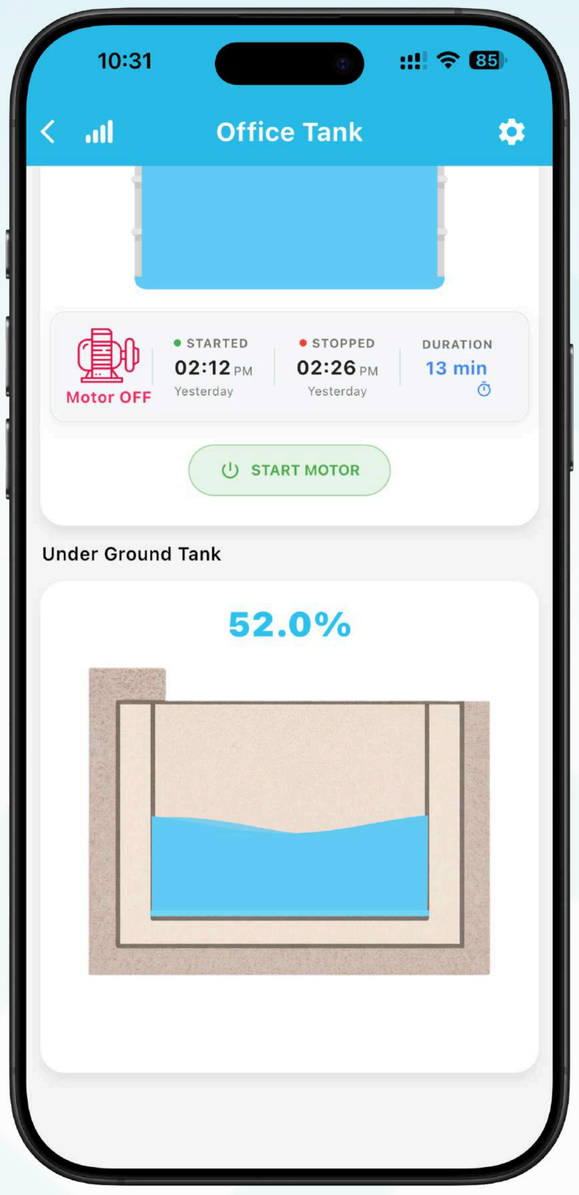
View all device assigned for your mobile number



OVERHEAD TANK VIEW

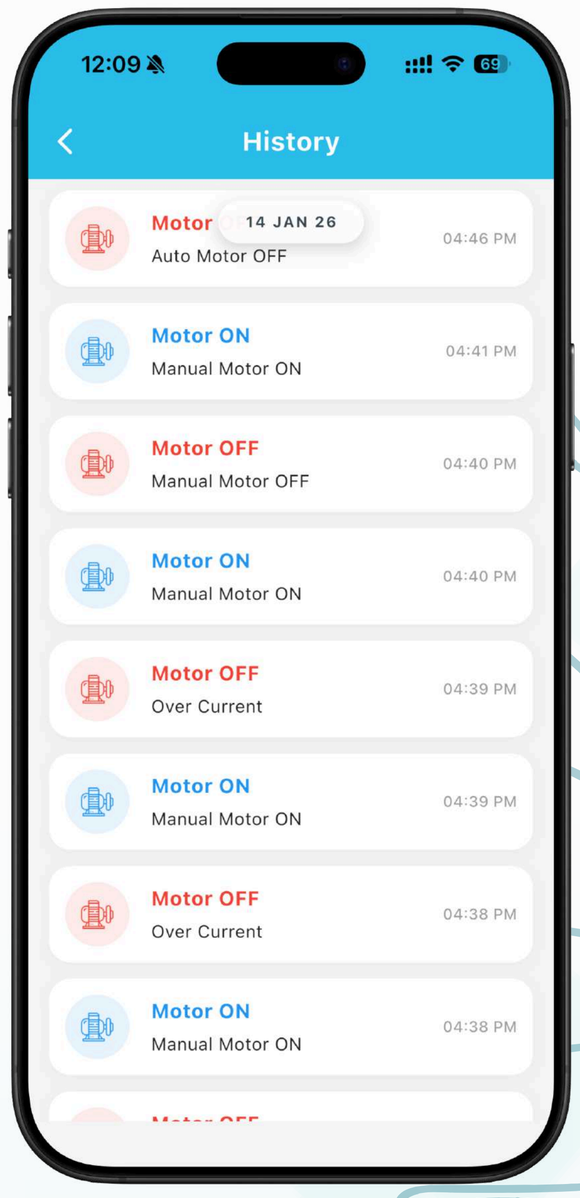


UNDER GROUND TANK VIEW



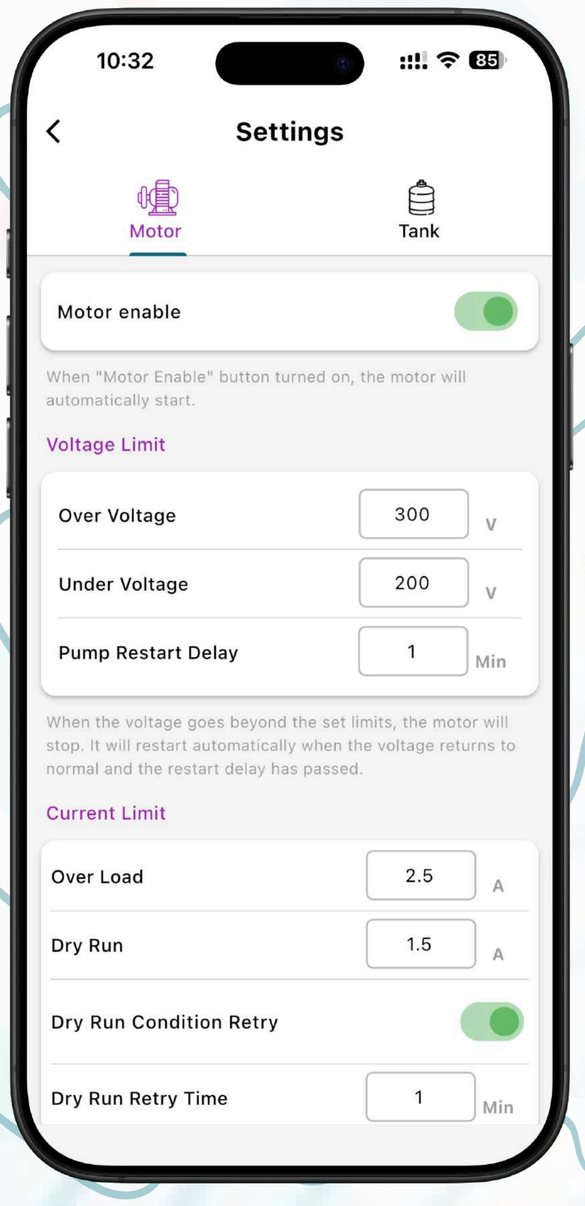
HISTORY

View motor On / Off history



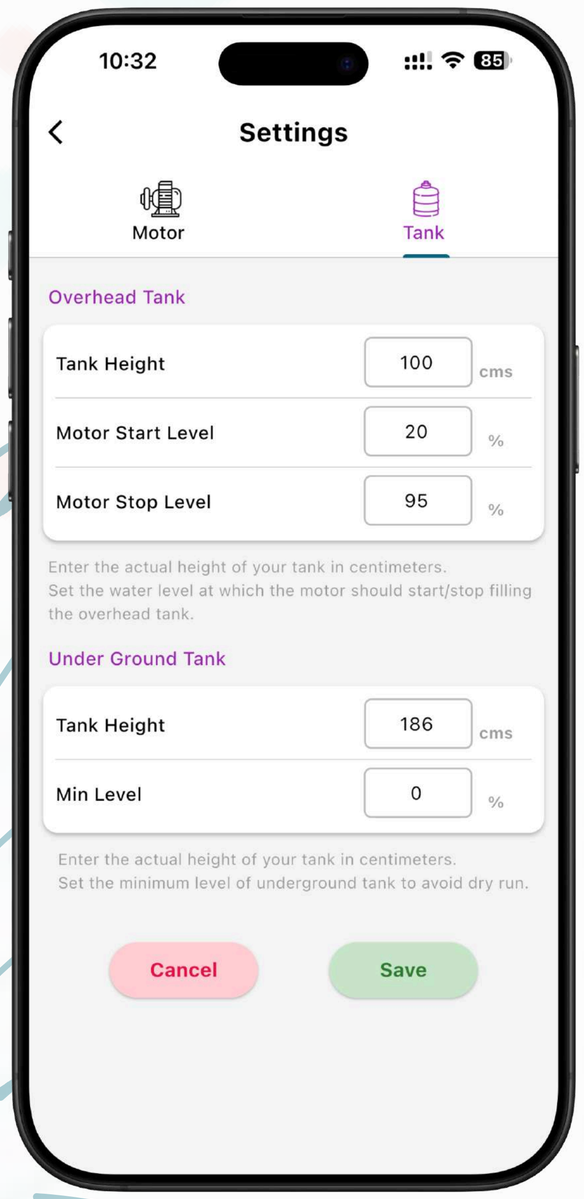
MOTOR SETTING

Update your motor setting instantly



TANK SETTING

Update your tank setting instantly



Manufacturer

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