



LITHIUM BATTERY FUEL GAUGE Set up and  
Pro View Link APP  
BFGWOM1536/12VPVL

# PROView Link



Click on connectivity icon on Home page to see Signal Strength Filters

A white rectangular area containing three widgets. The left widget is a circular gauge with a PROVOlt logo and text: "State of Charge", "State of Health", and "PRO Charging Systems". The middle widget shows text: "Name: hello", "Pack Voltage: 13.07V", "System: 12V", a green Wi-Fi signal icon, and the word "Excellent". The right widget is a circular gauge showing "100%" and a green lightning bolt icon.



# Signal Strength Filters



Excellent

Show Only Nearby Equipment



Fair

Show Everything Within Connectable Range



Weak

Show Everything Within Viewable Range

Click on green wireless icon to get the BFG in closest range to connect to

# PROView Link



Name: TROLLING  
Pack Voltage: 39.75V  
System: 36V

Excellent

50%

Name: TROLLING  
Pack Voltage: 39.64V  
System: 36V

Excellent

50%

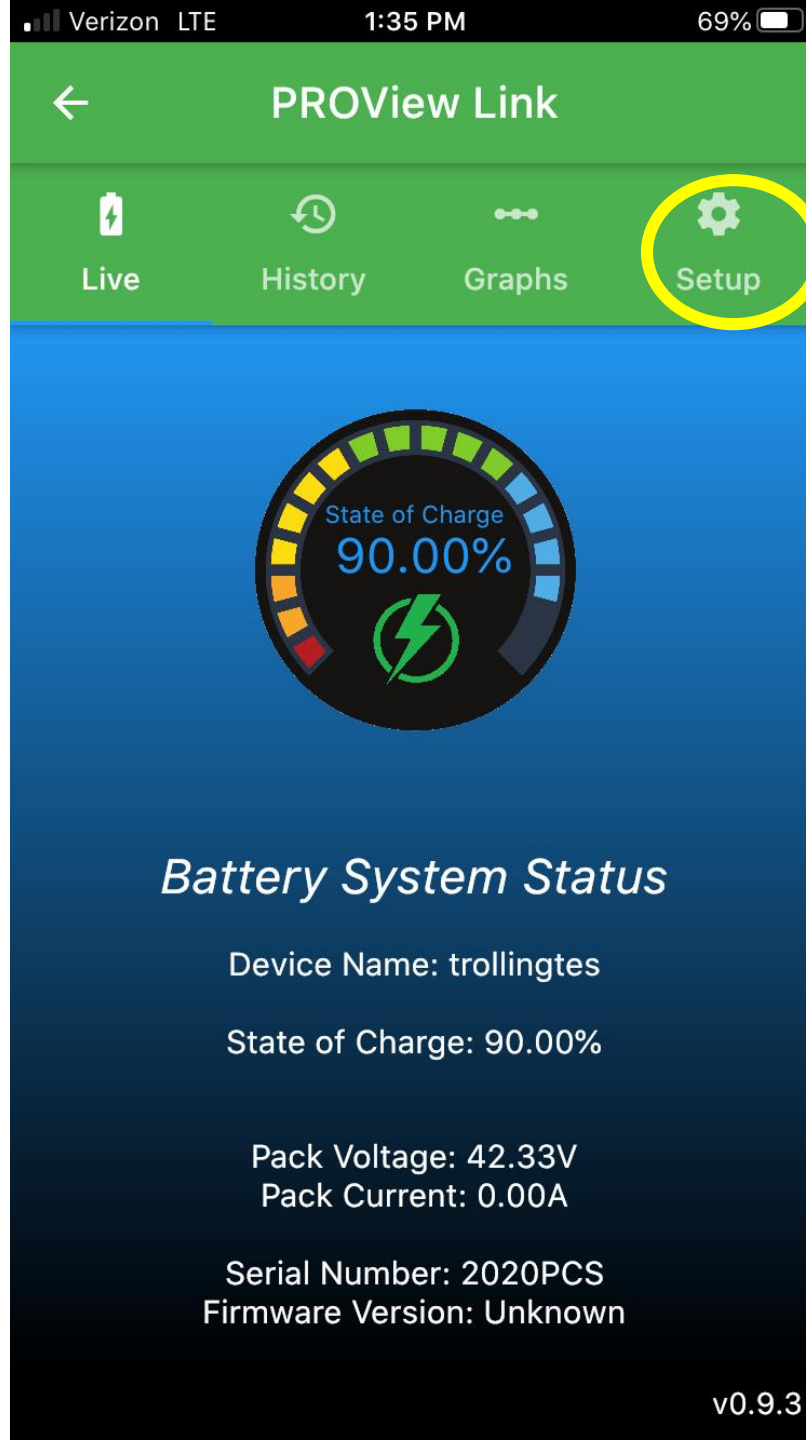
Name: hello  
Pack Voltage: 13.09V  
System: 12V

Excellent

100%



Click on top gauge, 12 V system will open crank portion of BFG, 36 V system will open trolling portion of BFG. Crank and Trolling are on separate PCBs and are controlled independently through the app



Once connected to the BFG the home screen will look like this. Click setup to continue setting up the gauge

← PROView Link

- Live
- History
- Graphs
- Setup


*BFG Settings*


  
Set LED Brightness

  
Screen Settings

  
Set Battery Chemistry:

Set Ah Capacity:

  
Rename this ProVolt Device

  
Clear Cycle History

This is the screen to set up trolling motor battery pack.

PROView Link

- Live
- History
- Graphs
- Setup

*BFG Settings*

Set LED Brightness

Please Select Brightness Level

Very Low

Low

Medium

High

Very High

Set Battery C

Set Ah C

Rename this Pr

Clear Cycle History

First select Brightness and select Medium

# PROView Link



BFG Screen Settings:

State of Charge:

State of Health:

Voltage:

Current:

Hour Meter:

Runtime Left:

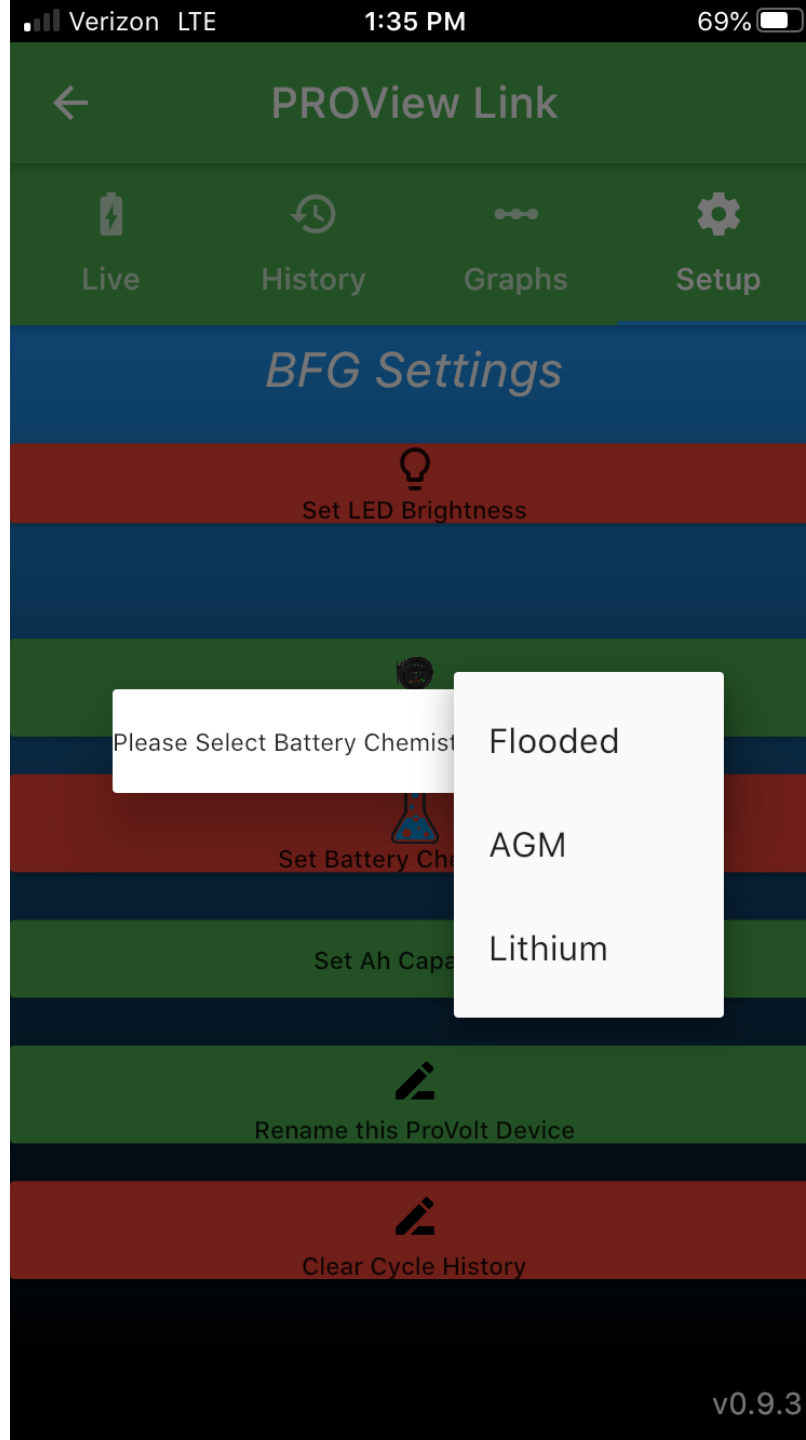
CONFIRM

On screen setting click at a minimum state of charge and voltage to display

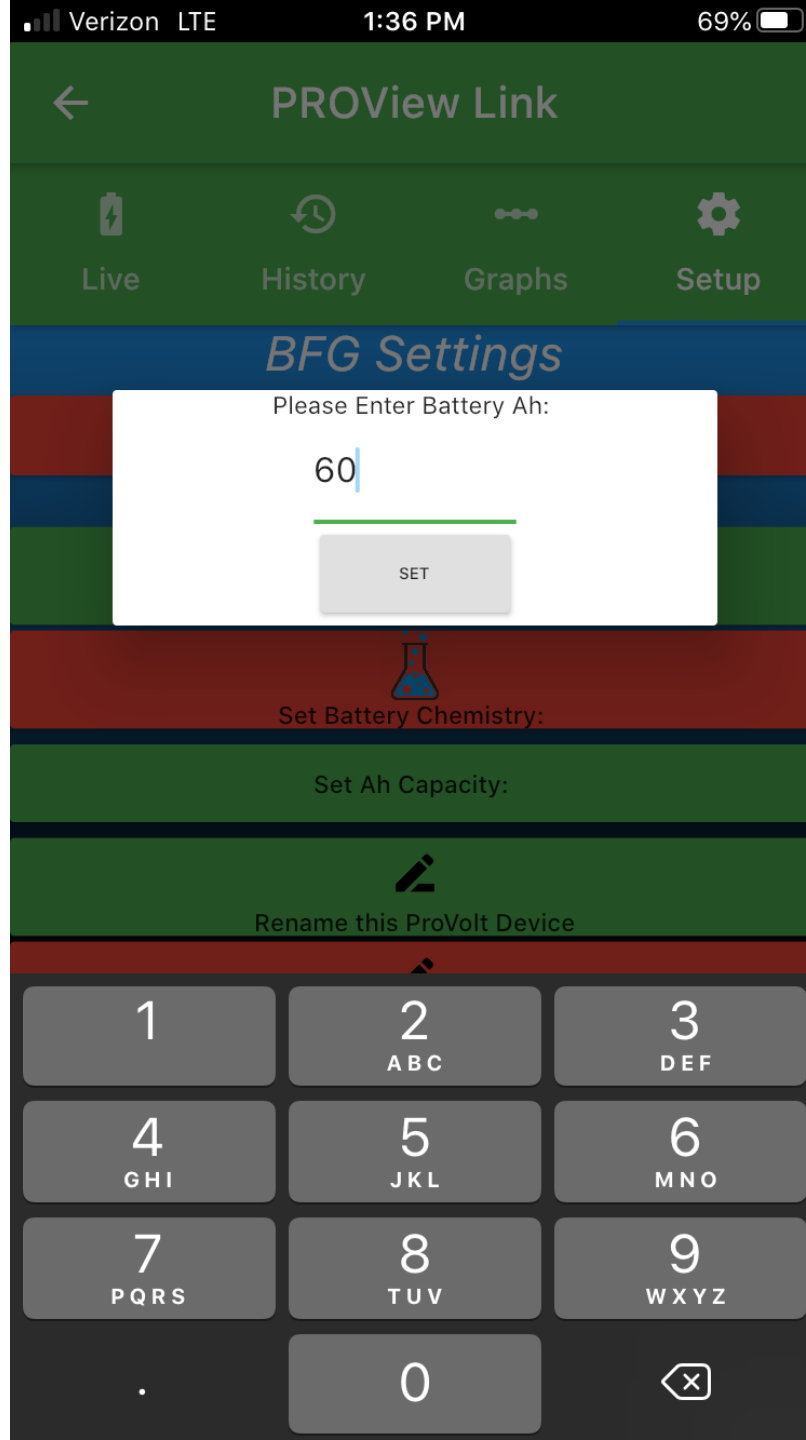


Clear Cycle History





Select Battery Chemistry, input either AGM or Lithium depending on BOM. BFG is programmed to default to Lithium. Trolling motor will always be Lithium option



Insert AH capacity of trolling motor battery, options will either be 60, 80, 100.

← PROView Link

- Live
- History
- Graphs
- Setup

*BFG Settings*

Set LED Brightness

Please Enter New Device Name:

trolling

9/11

RENAME

Set Ah Capacity:

Rename this ProVolt Device

Clear Cycle History

Name the device, use Trolling for 36V system

# Trolling LED on Startup

## For Lithium Trolling Applications:

- 3 Middle Amber LED's will pulse (Standby Mode)
- The battery pack must then be fully charged. Ensure the gauge is seeing positive current.
- At that point, the gauge will illuminate all LED's and the PROView Link app will report 100% State of Charge.



### Battery System Status

Device Name: Test 3

State of Charge: 100.00%

Pack Voltage: 39.54V

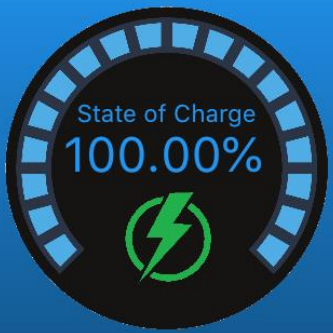
Pack Current: 12.40A

Serial Number: 2020PCS12345678

Firmware Version: 0.311.016

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Live Setup



*Battery System Status*

Device Name: hello

State of Charge: 100.00%

Pack Voltage: 13.23V

Serial Number: 2020PCS32054345  
Firmware Version: 0.305.007

For Crank battery, follow similar steps

PROView Link

Live Setup

*BFG Settings*

Set LED Brightness

Please Select Brightness Level

Set Battery Charge

Rename this Project

- Very Low
- Low
- Medium
- High
- Very High

Select Brightness:  
Medium

← PROView Link

Live Setup

*BFG Settings*

Set LED Brightness

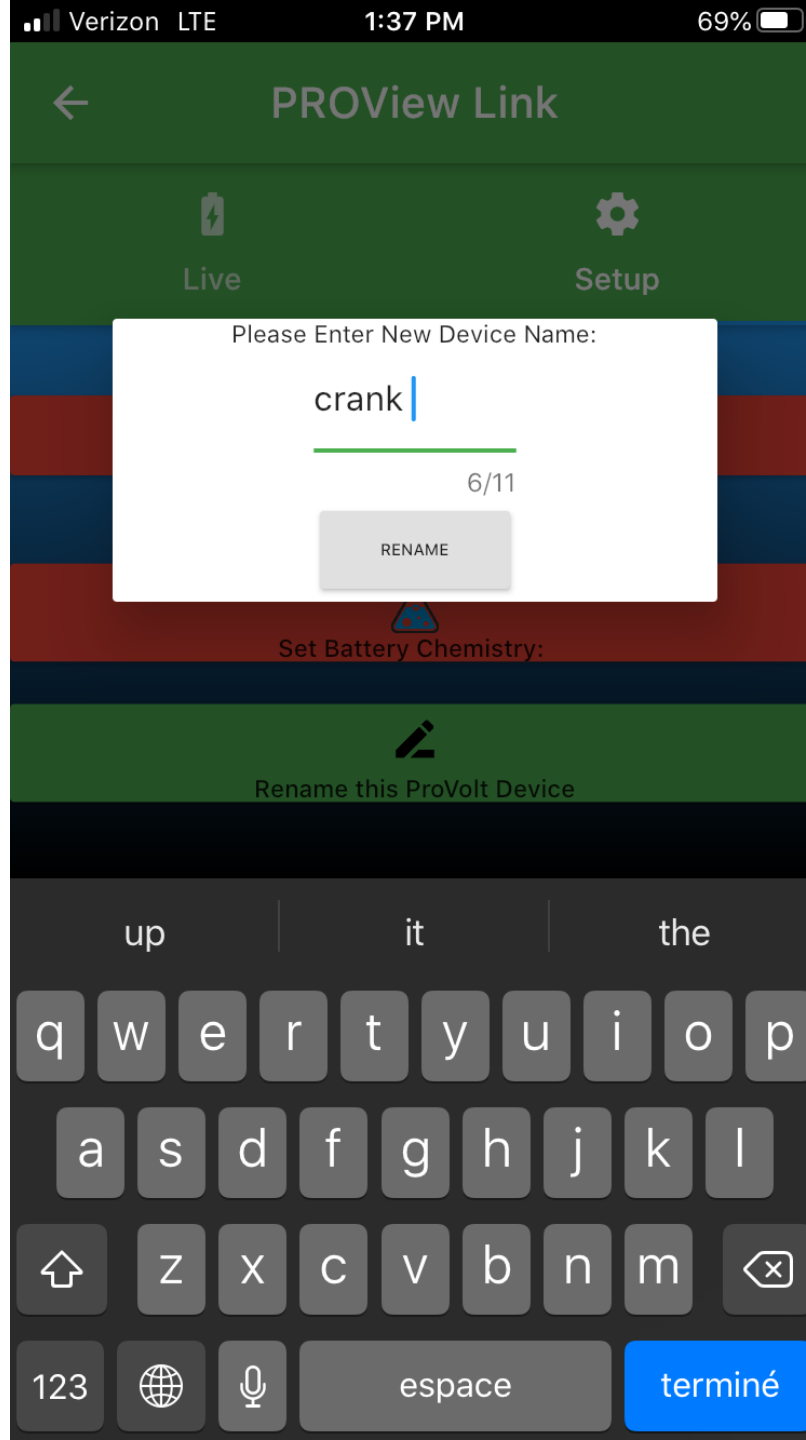
Confirm Battery Chemistry: AGM

CONFIRM

Set Battery Chemistry:

Rename this ProVolt Device

Change Battery Chemistry to either AGM or Lithium depending on BOM.



Name device crank  
for 12 V system



# LED Breakdown (Trolling & Cranking)

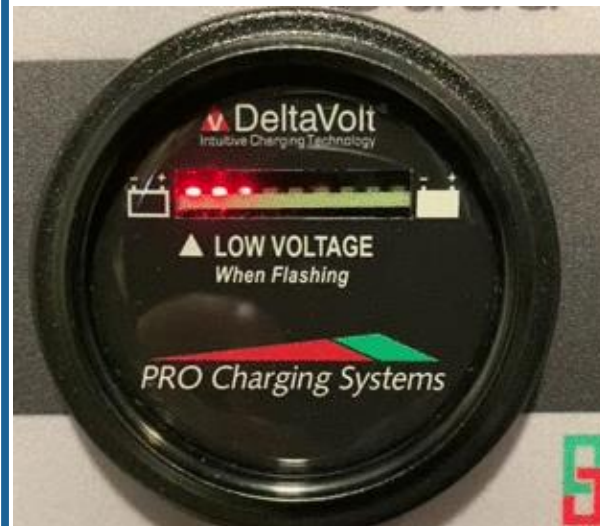
## Low Voltage:

Single Red  
Flashing LED



## Charging:

Scrolling left to  
right



## BLE Connected:

Scrolling left to  
right, right to left



## SOC Indication:

Number of static  
LED's corresponds  
to State of Charge.  
Ex. – 70% Shown  
Below

