



PosiCharge BatteryRx™

Utility Operation Manual

Rx BMID III Utility

Configuration | Charge Log | Fault Log | Battery History | **Daily Performance Log** | Alert Log | Alert Settings | Firmware Load | Zero Current Cal | Current Gain Cal | Volt Cal | Advanced

☒ Wireless COM Port Wireless Device

| | | |
|--|---|---|
| Serial Number <input type="text"/> | SIM Card Number <input type="text"/> | Current SW Version <input type="text"/> |
| Log <input type="text"/> of <input type="text"/> | Start Curr Limit <input type="text"/> A/100Ah | Target V limit <input type="text"/> mV/cell |
| Configuration date <input type="text"/> | SOC Limit <input type="text"/> % | Temp Foldback <input type="text"/> A/°C/100Ah |
| Version when configured <input type="text"/> | EQ Start Day/Time <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | Internal Resist <input type="text"/> mOhm/Cl/Ah |
| Vehicle ID <input type="text"/> | EQ End Day/Time <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | Parasitic Curr <input type="text"/> mA |
| Battery ID <input type="text"/> | Max Ah Btw EQ <input type="text"/> Ah | Key On Detect <input type="text"/> |
| Battery Type <input type="text"/> | Max days Btw EQ <input type="text"/> Days | Key On Logic <input type="text"/> |
| Num Of Cells <input type="text"/> | Time zone <input type="text"/> <input checked="" type="checkbox"/> Auto adjust for DST | Key On Curr <input type="text"/> mA |
| Battery Capacity <input type="text"/> Ah | Daily Call time (24 hr): <input type="text"/> <input type="text"/> <input type="text"/> | Run Curr Threshld <input type="text"/> mA |

BatteryRx Clock

PC Clock Tuesday, 12 April 2022 08:28:10

Info Version 5.002

SOC
 Pack Current (positive = charging)
 Pack Voltage
 Mid-pack Voltage

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Overview:

BatteryRx™ is a Windows-based software that can be used to perform maintenance tasks on a battery monitor/identifier (BMID).

Models Supported:

- BMID-III-N (wired)
- BMID-III-G (wired)
- BMID-III-B (wireless)

File:

Battery Rx Utility 5.002.exe

NOTE:

When this file is sent to you, the file extension may be changed to **.txt** -- rename the file to **.exe** when saving it to your Windows PC.

Hardware Required:

An adapter is required to connect BatteryRx to the USB port on your Windows computer.



BMID dongle for wired 09940-001



U-Blox NINA-B112 Bluetooth board for wireless

Connecting to a wired BatteryRx:

1. Apply power to BatteryRx and wait 1 minute for boot-up.
2. Be sure the BMID dongle is connected to your computer's USB and the BatteryRx.
3. Run **Battery Rx Utility 5.002.exe** file.
4. Uncheck the wireless box.
5. Use the COM port drop-down to select the port used by your BMID dongle and click **Connect**.

Rx BMID III Utility

Configuration | Charge Log | Fault Log | Battery History | Daily Performance Log | Alert Log | Alert Settings | Firmware Load | Zero Current Cal | Current Gain Cal | Volt Cal | Advanced

☐ Wireless COM Port: COM3
COM7 **Connect**

Serial Number: _____ SIM Card Number: _____ Current SW Version: _____

Log: _____ of _____ Start Curr Limit: 0 A/100Ah

Configuration date: _____ SOC Limit: 100 %

Version when configured: _____ EQ Start Day/Time: _____

Vehicle ID: _____ EQ End Day/Time: _____

Battery ID: _____ Max Ah Btw EQ: 2500 Ah

Battery Type: _____ Max days Btw EQ: 6 Days

Num Of Cells: 6 Time zone: _____ ☒ Auto adjust for DST

Battery Capacity: 100 Ah Daily Call time (24 hr): 1 22

Read Active Config Write To BatteryRx Write Config to file Load Config

Read #1 Prev Next Save Config

BatteryRx Clock: _____ SOC: _____

PC Clock: Tuesday, 12 April 2022 11:33:17 Set BatteryRx Clock: _____ Pack Current (positive = charging): _____

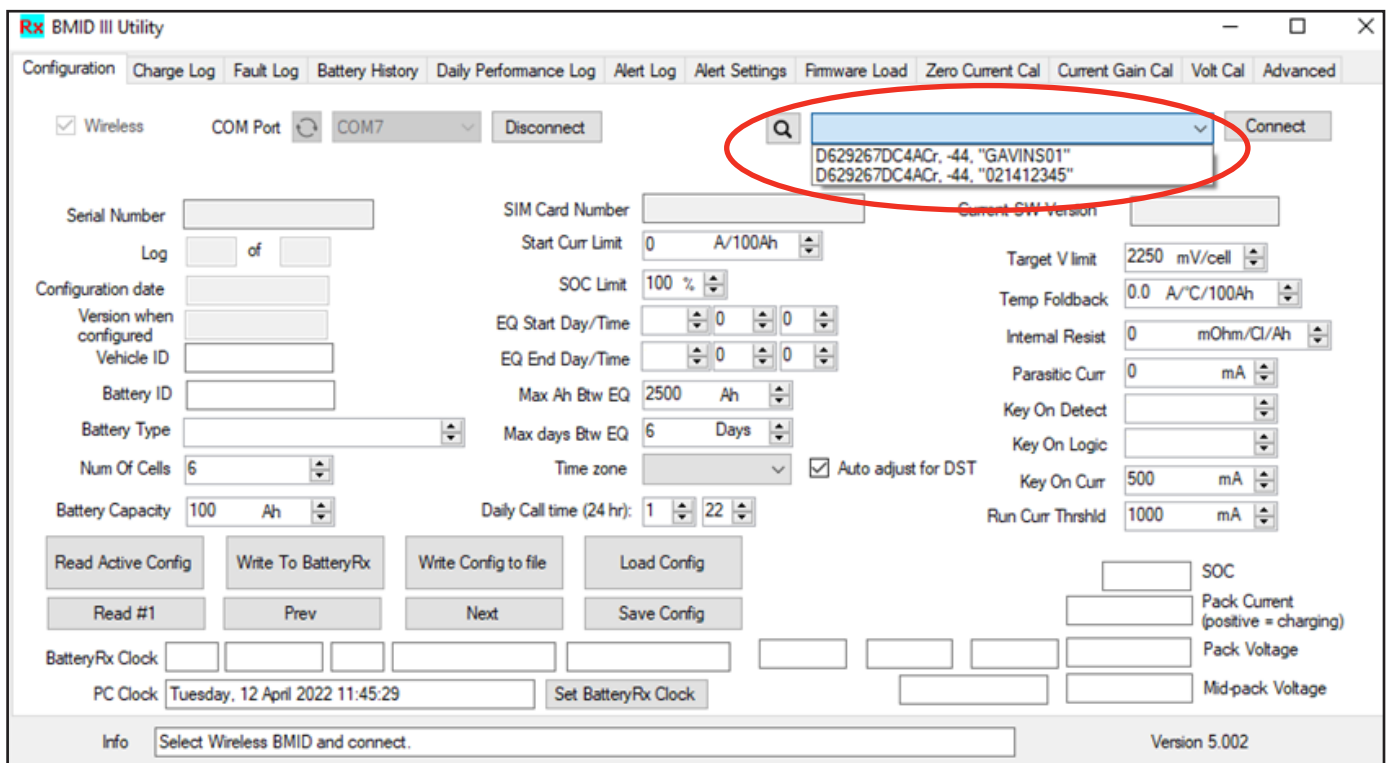
Info: _____ Version 5.002

Pack Voltage: _____

Mid-pack Voltage: _____

Connecting to a wireless BatteryRx (Bluetooth):

1. Apply power to the BatteryRx and wait 1 minute for boot-up.
2. Be sure the u-Blox Bluetooth board is connected to your computer USB port.
3. Run the **Battery Rx Utility 5.002.exe** file.
4. Check the wireless box.
5. Use the COM port drop-down to select the port used by your Bluetooth board and click **Connect**.
6. Wait about 30 seconds while the board scans for the nearby BatteryRx units.
7. Choose the BatteryRx you wish to connect to from the drop-down; both the Vehicle ID and serial numbers are shown. Choose one and select **Connect**.



When the connection is successful, the Configuration tab values will be displayed. You can then select the different tab views for the available functions.

BMID III Utility

Configuration | Charge Log | Fault Log | Battery History | Daily Performance Log | Alert Log | Alert Settings | Firmware Load | Zero Current Cal | Current Gain Cal | Volt Cal | Advanced

☒ Wireless COM Port: **COM7** Disconnect ID: **D629267DC4ACr, -44, "GAVINS01"** Disconnect

Serial Number: **S/N: SOC01021412345** SIM Card Number: **00000000000000000000** Current SW Version: **1.004**

Log: **19** of **19** Start Curr Limit: **30** A/100Ah Target V limit: **2440** mV/cell

Configuration date: **04/11/22@10:38** SOC Limit: **100** % Temp Foldback: **1.5** A/C/100Ah

Version when configured: **1.004** EQ Start Day/Time: **Thu 0 0** Internal Resist: **120** mOhm/CI/Ah

Vehicle ID: **GAVINS01** EQ End Day/Time: **Sun 23 45** Parasitic Curr: **250** mA

Battery ID: **12345678** Max Ah Btw EQ: **2500** Ah Key On Detect: **Curr Sense**

Battery Type: **1 Exide Tubular Flooded** Max days Btw EQ: **6** Days Key On Logic: **Not Applicable**

Num Of Cells: **18** Time zone: **Pacific Standard** ☒ Auto adjust for DST Key On Curr: **1000** mA

Battery Capacity: **500** Ah Daily Call time (24 hr): **0 15** Run Curr Thrshld: **3000** mA

Read Active Config Write To BatteryRx Write Config to file Load Config

Read #1 Prev Next Save Config

BatteryRx Clock: **Tue 04/12/2022 11:48** 73°F / 23°C Batt 71°F / 22°C Shunt 99% SOC

PC Clock: **Tuesday, 12 April 2022 11:49:36** Set BatteryRx Clock 0.1 A Pack Current (positive = charging)

Info: 45.176 V Pack Voltage

Version 5.002

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