

PosiCharge BatteryRx[™] Utility Installation Manual

figuration Char	ge Log Fa	ult Log Battery Hist	orys Daily	Performance	Log Aler	t Log Alert	Settings	Firmware	Load Zero Cu	ment Cal Current	Gain Cal	Volt Cal	Advanced
✓ Wireless	COM	Port 🖸	~	Conne	t	Wirele Device	SS Q					∼ Co	onnect
Serial Number				SIM Care	Number				Cur	rent SW Version			
Log		of		Start (urr Limit	0 A/	100Ah	-		Target V limit	2250	mV/cell 🖨	í.
onfiguration date				\$	OC Limit	100 % 🖨				Temp Foldback	0.0 A	/°C/100Ah	-
Version when configured	n			EQ Start I	Day/Time	÷ 0	\$ 0	-		Internal Resist	0	mOhm/C	l∕Ah ≜
Vehicle ID				EQ End I	Day/Time	\$ 0	\$ 0	-		Parasitic Curr	0	mA	
Battery II				Max A	h Btw EQ	2500 Ał	n 🖨			Key On Detect	-	k	
Battery Type	•		-	Max day	Btw EQ	6 Da	ys 🜲			Key On Logic		k	-
Num Of Cells	s 6	.		т	me zone		~	Auto	adjust for DST	Key On Curr	500	mA	
Battery Capacity	/ 100	Ah ≑		Daily Call tin	ie (24 hr):	1 🌲 22	•			Run Curr Thrshld	1000	mA	•
Read Active Co	nfig W	hite To BatteryRx	Write Co	nfig to file	Lo	ad Config				Г		SOC	
Read #1		Prev	N	ext	Sa	ve Config	1					Pack Cu (positive	rrent = charging)
BatteryRx Clock												Pack Vo	ltage
PC Clock	Tuesday, 1	2 April 2022 08:28:10)	S	et BatteryF	x Clock						Mid-pac	k Voltage
											Ver	mine 5 002	

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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 Ale	rt Log Aler	Settings	Firmw	are Load	Zero Curre	nt Cal	Current (Gain Cal	Volt Cal	Advanced	
Wireless	COM Port O	COM3 COM7	Coone	ct											
Serial Number			SIM Car	d Number					Curren	nt SW V	ersion				
Log	of		Start (Curr Limit	0 A	/100Ah	÷			Target	Vlimit	2250 n	nV/cell	-	
Configuration date				SOC Limit	100 % 🖨					Temp Fo	dback	0.0 A/	"C/100Ah		
Version when configured		Ī.	EQ Start	Day/Time	÷(0 🖨 0	-			Interna	Resist	0	mOhm/	Cl/Ah 🜲	
Vehicle ID			EQ End	Day/Time	÷ 0	0 🗘 0	-			Parasi	tic Curr	0	mA	÷	
Battery ID			Max A	h Btw EQ	2500	Ah 🗘				Key On	Detect				
Battery Type			🗧 Max day	s Btw EQ	6 [Days 🜲				Key O	n Logic			÷	
Num Of Cells	6	1	т	ìme zone		~	✓ A	uto adjust f	for DST	Key (On Curr	500	mA	\$	
Battery Capacity	100 Ah 🗄	-	Daily Call tin	ne (24 hr):	1 🔹 22	-			R	un Curr	Thrshid	1000	mA	-	
Read Active Config	Write To Ba	tteryRx W	rite Config to file	Lo	ad Config						Г		SOC		
Read #1	Prev		Next	Sa	we Config								Pack C	urrent e = charging	1)
BatteryRx Clock						1	-						Pack \	/oltage	
PC Clock Tu	esday, 12 April 202	2 11:33:17	5	et Battery	Rx Clock								Mid-pa	ck Voltage	
Info												Versi	ion 5.002		

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**.

nfiguration Charge	Log Fault Log B	attery History Daily	Performance Log	Alert Log	Alert S	ettings	Firmware Load	Zero Current Cal Current	Gain Cal	Volt Cal	Advanced	d
Wireless	COM Port 🕑	COM7	Disconnect		(٩	D629267DC4A0 D629267DC4A0	r44. "GAVINS01" r44. "021412345"		× Da	onnect]
Serial Number			SIM Card Nun	nber				Current SW Version				
Log	of]	Start Curr L	imit 0	A/1	00Ah	•	Target V limit	2250 m	V/cell 韋	3	
Version when			5001		* •	A 0		Temp Foldback	0.0 A/°	C/100Ah	-	
configured		1	EQ Start Day/	lime	•	V V		Internal Resist	0	mOhm/C	1/Ah 🚔	
Vehicle ID]	EQ End Day/	Time	ΨU	ΨU		Parasitic Curr	0	mA	÷	
Battery ID			Max Ah Btw	EQ 250	0 Ah	-		Key On Detect		ŀ	\$	
Battery Type		\$	Max days Btw	EQ 6	Day	/\$		Key On Logic			\$	
Num Of Cells	6 🌲	1	Time z	one		~	Auto adjust fo	or DST Key On Curr	500	mA	÷	
Battery Capacity	100 Ah 🖨]	Daily Call time (24	4 hr): 1	÷ 22 ÷			Run Curr Thrshld	1000	mA	\$	
Read Active Confi	g Write To Bat	teryRx Write C	onfig to file	Load C	onfig			Г		SOC		
Read #1	Prev		Next	Save C	onfig					Pack Cu (positive	urrent = chargin	ig)
BatteryRx Clock										Pack Vo	oltage	
PC Clock	uesday, 12 April 2022	2 11:45:29	Set Ba	tteryRx Cl	ock					Mid-pac	k Voltage	0

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					– 🗆 X
Configuration Charge	Log Fault Log Battery History D	aily Performance Log Alert I	Log Alert Settings Firmw	vare Load Zero Current Cal Current	Gain Cal Volt Cal Advanced
Vireless	COM Port 🖸 COM7	V Disconnect	Q D62	29267DC4ACr, -44, "GAVINS01"	✓ Disconnect
Serial Number	S/N: SOC01021412345	SIM Card Number	000000000000000000000000000000000000000	Current SW Version	1.004
Log	19 of 19	Start Curr Limit 3	30 A/100Ah 🚔	Target V limit	2440 mV/cell ≑
Configuration date	04/11/22@10:38	SOC Limit 1	00 % 🖨	Temp Foldback	1.5 A/°C/100Ah 🜩
Version when configured	1.004	EQ Start Day/Time	hu 🗘 0 🌩 0 🌩	Internal Resist	120 mOhm/Cl/Ah 🚖
Vehicle ID	GAVINS01	EQ End Day/Time	iun ≑ 23 💠 45 🜩	Parasitic Curr	250 mA 🖨
Battery ID	12345678	Max Ah Btw EQ 2	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 🗸 🗹 A	Auto adjust for DST Key On Curr	1000 mA 🖨
Battery Capacity	500 Ah 🜲	Daily Call time (24 hr):	15 🜩	Run Curr Thrshld	3000 mA 🜩
Read Active Conf	g Write To BatteryRx Writ	e Config to file Load	d Config	Г	99% SOC
Read #1	Prev	Next Save	Config		0.1 A Pack Current (positive = charging)
BatteryRx Clock	ue 04/12/2022 11:48 73°F /	23°C Batt 71°F / 22°C	Shunt		45.176 V Pack Voltage
PC Clock	uesday, 12 April 2022 11:49:36	Set BatteryRx	Clock		Mid-pack Voltage
Info					Version 5.002

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