

SRNE BATTERY SHUNT



INSTALLATION

For accurate data measurements it is essential that all negative connections are connected prior to the load side of the battery shunt.

- 1:Connect negative cable between battery terminal and battery side of the shunt.
- 2: Connect load side of the shunt to negative Bus Bar or similar device
- 3: Connect live wire to battery terminal via fused cable.
- 4: Where applicable connect data cable to SRNE CU data management system.

Adding and configuring device

- 1: Load the SRNE app
- 2: Adding device - Select [+] and select the device from the list of devices.
- 3: Add device and follow and password notifications. The default password is 123456.
- 4: Once the device is added, select the device and press the setup cog icon in the top right corner.
- 5: Complete the configuration. Items marked with * need your input

Battery	Value
Battery Capacity*	Add your battery size in Amp's. I.e 100AH, 200AH
House Battery Type*	Select the correct battery chemistry
System Voltage*	Select battery system voltage 12v,24v, etc
Full Voltage	Full Voltage is the battery voltage level at which the system considers the battery to be fully charged (100% state of charge).
Discharge cut-off voltage	Discharge Cut-Off Voltage is the battery voltage level at which the system stops supplying power to loads to prevent the battery from being drained too far.
Full cut-off current	Full Cut-Off Current is the charging current level at which the charger decides the battery is fully charged and ends the charging cycle (or absorption stage).
Full of testing time	Full Detection Time (sometimes called Full Test Time or Full Charging Detection Time) is the length of time the charger checks that the battery is fully charged before confirming the charge cycle is complete.
Current SOC	When the SOC of the battery is known. Setting the true SOC is beneficial. If the true SOC cannot be determine the shunt will learn the SOC over time.
Zero current calibration	When the LOAD MINUS terminal is disconnected, pressing calibration will reset current value to zero
Discharge depth	Default setting it 5%. Used to determine the remaining runtime of the battery.