Simp BMS Setup Menu

Menu

Once connected to the Simp BMS via the serial port (115200 BAUD)

Send the command: s

This stops the scrolling of the diagnostics info.

And displays the following options:

      c - Current Sensor Calibration

      b- Battery Settings

      q - exit menu

Menu structure

'c'

Brings up the current sensor menu, this is currently only applicable for analogue sensors.

    c - To calibrate sensor offset

    s - To switch between Current Sensors

    q - Go back to menu

'b'

Brings up the battery calibration menu.

> r - Reset AH counter
>
> d - Display settings
>
> e - Edit settings
>
> q - Go back to menu

'r'

Resets the AH counter to 0, this should only be done if the battery is almost completely empty. New revision of code will allow reset of SOC with average cell voltage.

'd'

Display all the battery variables, run this before running 'e'

> [value] mV Over Voltage Setpoint - 1
>
> [value] mV Under Voltage Setpoint - 2
>
> [value] Over Temperature Setpoint - 3
>
> [value] Under Temperature Setpoint - 4
>
> [value] mV Balance Voltage Setpoint - 5
>
> [value] mV Balance Voltage Hystersis - 6
>
> [value] Ah Battery Capacity - 7
>
> [value] A max Charge - 8
>
> [value] A max Discharge - 9

'e'

To change a variable displayed in 'd', in put 'e' followed by variable number then a 'space' new value

'q'
Exit the setup menu and resume diagnostics display info