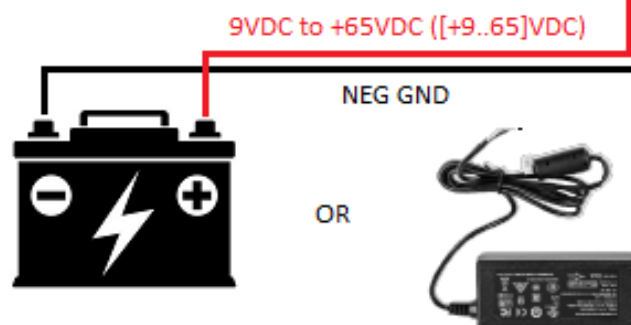


Power Supply Options for the Logger V2



OPTION 1: Connect any DC source in the range (9VDC to 65VDC) via the screw terminal port (DC Input) as indicated on the figure. Ensure that Pin 1 is GND(NEG - in BLACK) and Pin 2 is POS(+ in RED)



Option 2: Connect a 5V USB Type-C power supply (Cell phone charger) with at least 2A rated current to the USB Type-C port on the Logger



*Do NOT connect these 2 power supplies simultaneously

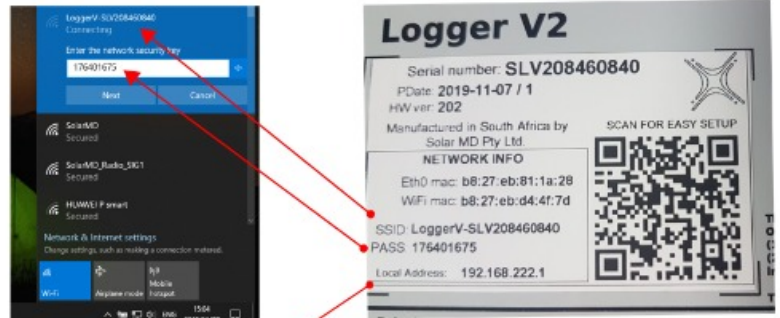
Configuring the network on the Logger V2



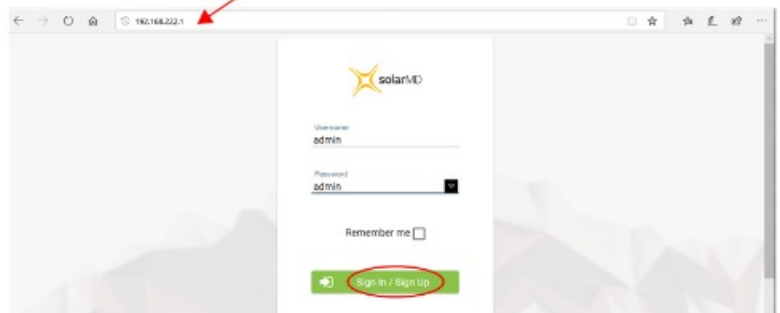
The Logger V2 can be connected to an internet source either via LAN network or WiFi. Connecting the Logger to LAN network requires the an Ethernet cable to be connected to the Eth-1 port on the Logger. If there is an internet source available, the Logger's connection LED will turn green.

If you wish to connect the Logger to a wireless network, follow the guide below.

1. Ensure the logger is powered up.
Using your phone or laptop, connect to the logger either via the Logger's WiFi AP (Access Point) or by connecting an Ethernet cable from the Logger's local port (Eth-2) to your laptop.
The network name (SSID) and password are printed on the Logger sticker.



2. Open your internet browser and type the local address as printed on the Logger sticker (192.168.222.1)
You'll be directed to a login screen.

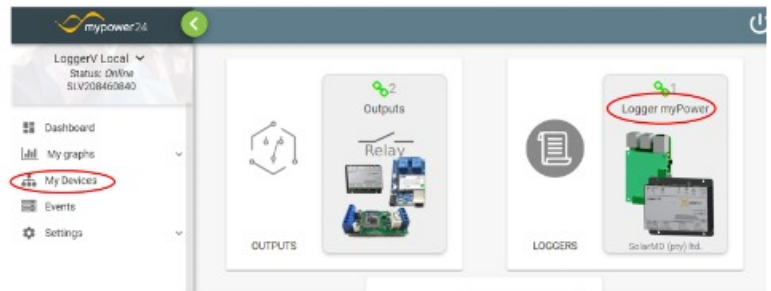


The default local login details are:
Username: admin
Password: admin

Then click "Sign In / Sign Up"

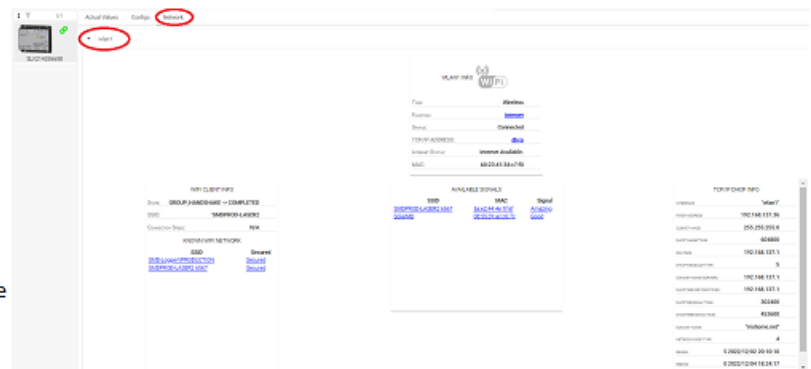
Configuring the client WiFi on the Logger V2

3. Once logged in, click on "My Devices" and navigate to "Logger myPower".



4. Navigate to the "Network" tab

Expand the "wlan1" drop down tab, this will show you a list of available WiFi signals for the Logger to connect to. Scroll and click on the desired network. If the network is secured you will be prompted to type in the network's WiFi password and click "Save".



The Logger will now connect to the client WiFi network, this will be visible once "GROUP_HANDSHAKE -> COMPLETED" has occurred and the connection LED on the Logger turns green.

You can now close the browser tab and disconnect from the Logger's WiFi and open the normal mypower24 server (login.mypower24.co.za) to adopt the logger to your profile. (Also see "Adopting the Logger V2 using the QR Code")

Adopting the Logger V2 using the QR Code



1. Scanning

Scan the QR code printed on the logger using the QR scanner on your smartphone.

If you are already logged on to the MyPower24 portal, the logger will be automatically adopted to your user profile, and you will be directed to the home page

If you are not logged, scanning the QR code will take you to the login page, where the logger will be adopted once you login.

If you don't have an existing account, please select 'Create New Account'.



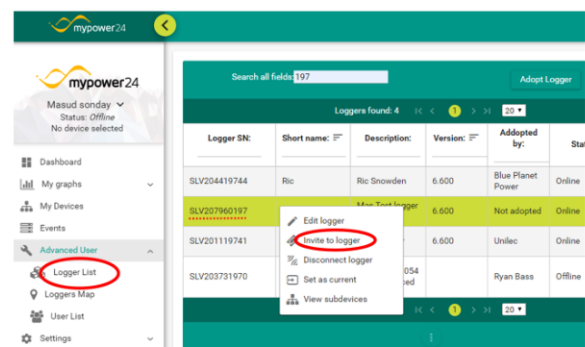
2. Assigning the logger to your new user

In the 'Advanced User' tab click logger list.

Find the logger you have just adopted by using the serial number, right-click on it and click 'Invite to Logger'.

Type in the Email address of your client and click 'Send Invitation'.

The client will receive an email, allowing him to login or create a new account with the newly added logger.



3. Creating a new account for yourself

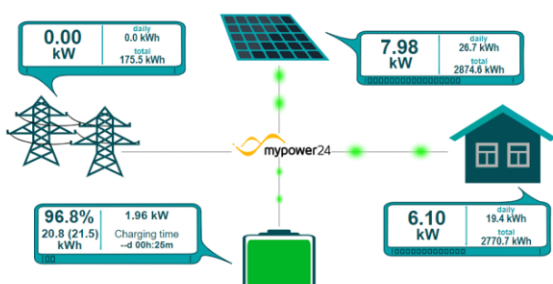
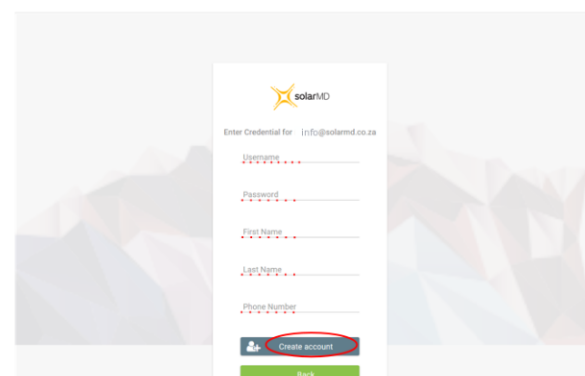
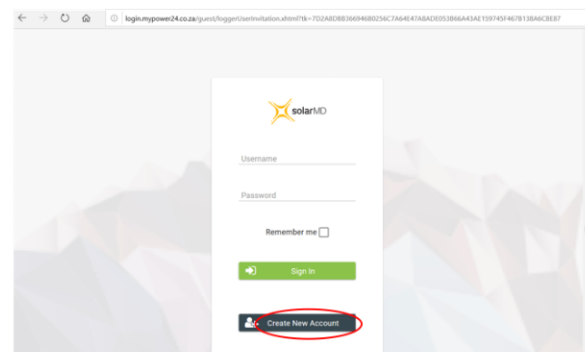
There are two ways to create a user profile on Mypower24 portal:

- By scanning the QR code of a new logger and clicking 'Create New Account'.
- Having been invited to a logger by an installer, and clicking 'Accept Invitation', and then 'Create New Account' once you have received the email.

Type in the required details in the available fields.

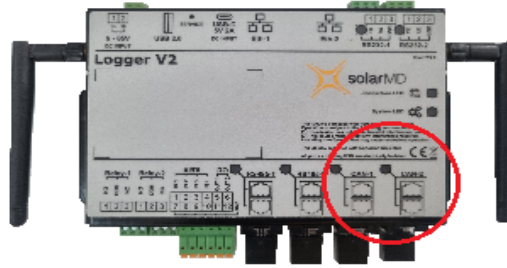
Once all the fields have been filled, click 'Create account'.

You will be redirected to the dashboard on the Mypower24 login page where your new logger will be visible.





Connecting Devices via CAN bus



Two CAN bus ports are available for connecting Solar MD batteries to the Logger V2.

Please choose your port and ensure that the device is added to the Logger interface.

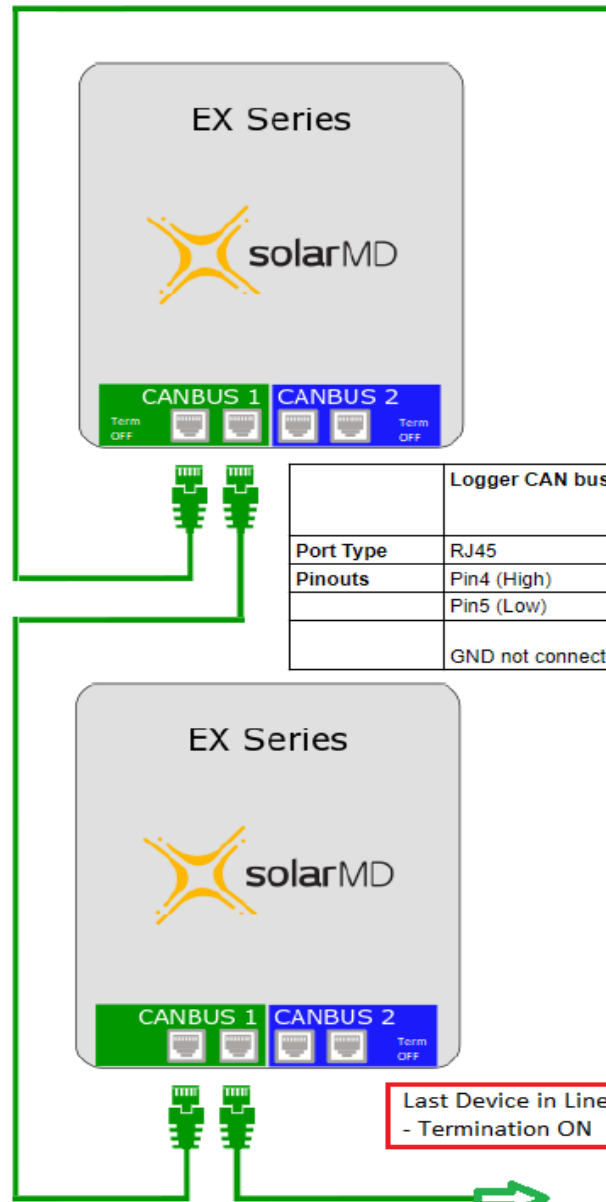
Logger myPower > Interface settings page.

For communication between the Logger and BMS, use twisted pair cable, GND is not required.

Supported Inverter Communication via CAN bus



Twisted pair cable



	Logger CAN bus 1/2	BMS-EX series CAN bus 1	BMS-EM series 3 pin screw terminal
Port Type	RJ45	RJ45	3 pin screw terminal
Pinouts	Pin4 (High) Pin5 (Low)	Pin4 (High) Pin5 (Low)	Pin1 (Low) Pin2 (High)
	GND not connected	GND not connected	GND not connected

Last Device in Line - Termination ON