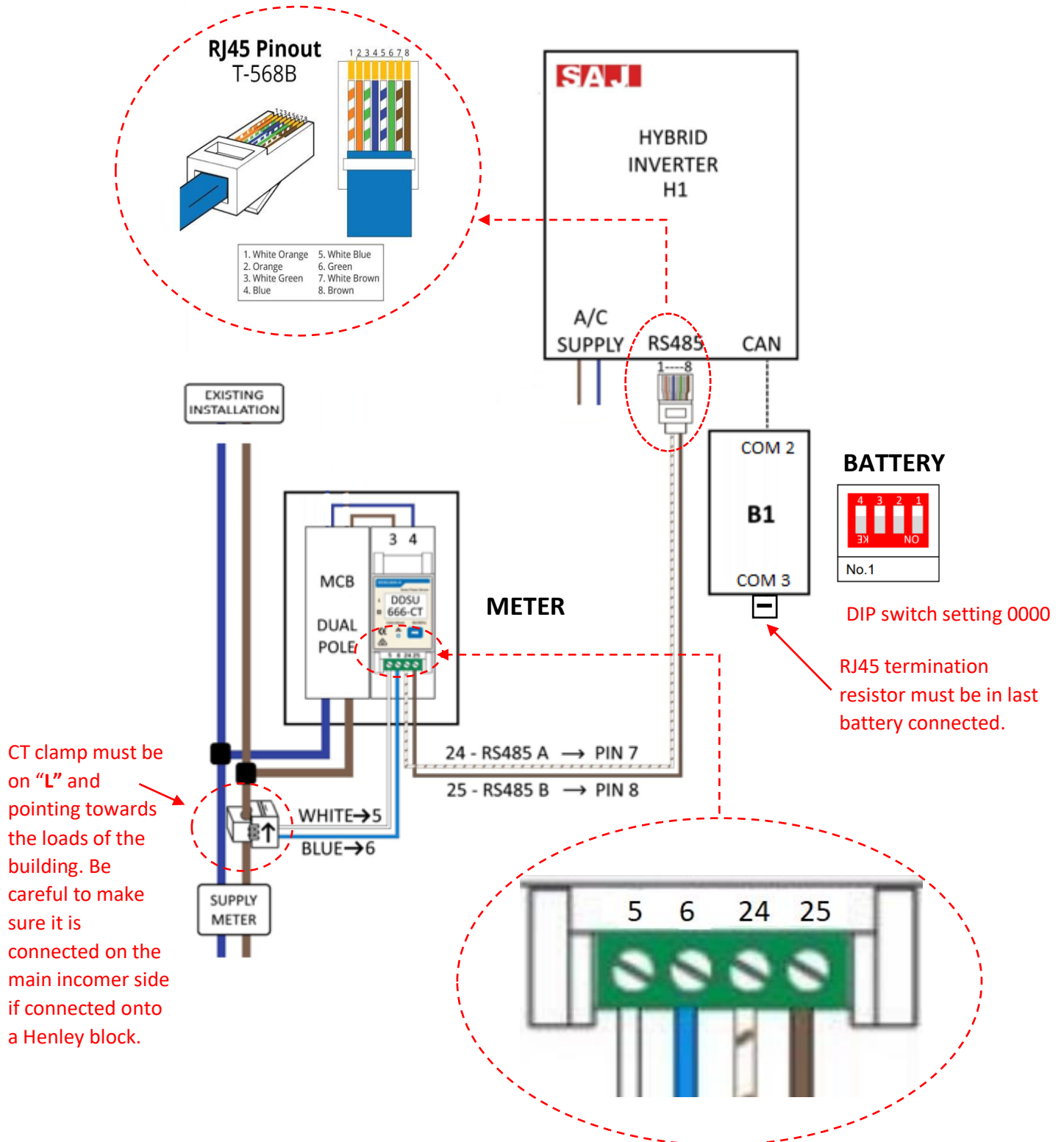


H1 Installation

The two most important aspects of the installation to get right and ensure the system works correctly are: **Meter** communications and **Battery** communications. The diagram below shows the connections required for one B1 SAJ battery connected.

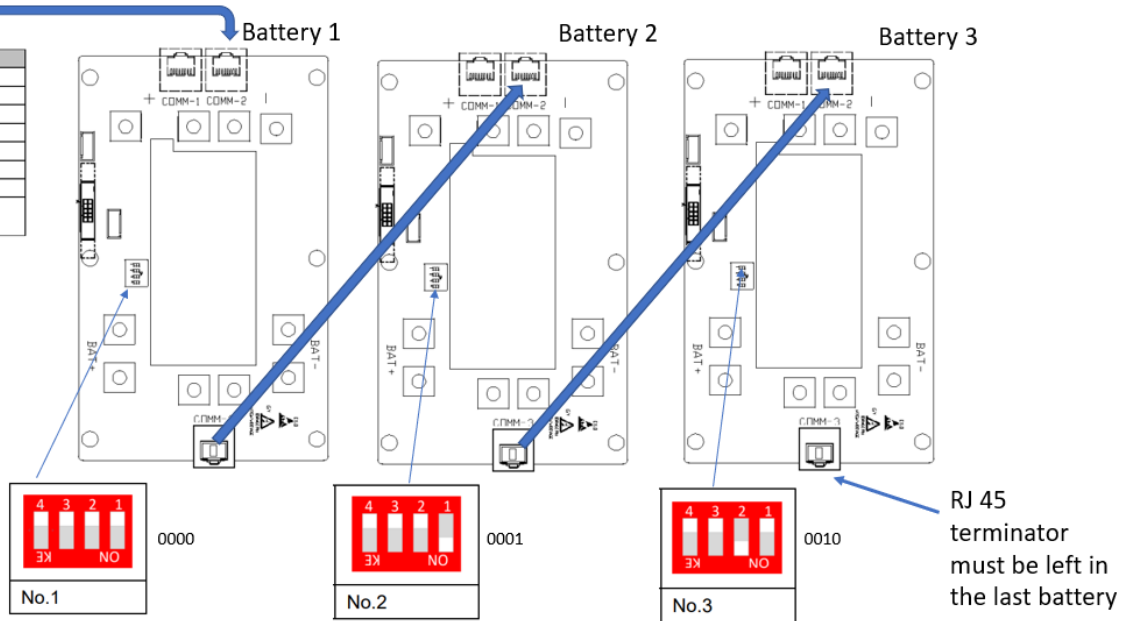


When you have more than 1 battery, for example 3 batteries, connect as below...

3 batteries

Battery port -
CAN

Right	
1	NC
2	NC
3	NC
4	CANH
5	CANL
6	NC
7	NC
8	NC



RJ 45
terminator
must be left in
the last battery

Configuration of H1 with APP eSolar O&M



Log into this APP with your account and connect to the H1 with Bluetooth to and configure the system.

Set the following...

Initial Settings

- SET TIME
- SET GRID CODE

Battery

- Set battery to SAJ-CAN

Measuring device

- Set to single phase DDSU666 (100A CT based) meter

How to check your meter and CT is connected the right way around.

Switch OFF battery and switch off PV, so that the building draws power from the grid. Check the screen graphic of the H1 and verify power is being drawn from the grid.

How to check the battery comms is correct.

Check the screen of the H1 and observe battery parameter shows measurements such as SOC, battery temperature etc.

Create plant from your account. This can either been done from your laptop or using the APP eSolar O&M.

Add plant

Add inverter serial number

You should be able to see data coming through into the plant. Check that in the plant you can see battery data as well. A basic check is to make sure you see an information tab, “battery info1” in the example below. If there are more batteries, you will see the corresponding number of tabs. This confirms battery communication is functioning properly.

Basic Info

Inverter info	Model:	H1-3.6K-S2
Battery Info1	S/N:	[REDACTED]
	PC Code:	[REDACTED]
	Display Board:	v3.008
	Ctrl. Board:	v1.329
	Module SN:	M5400J2228081191
	Module PC:	1030001100026700
	Module version:	v1.029.2
	Warranty:	View warranty
	Owner:	[REDACTED]
	Address:	N/A



Overview



Once this is done you will then need to transfer the plant to the customer. For this you will need the customers email address.

ONLY TRANSFER THE PLANT

During the transfer process it will ask if you wish to send a notification email to the customer. This lets the customer know that they have an account and can log into the portal with the mail address and password that you set during the transfer process. Make a note of the password that you create for the password.