

## PYLONTECH LV-HUB INSTALLATION GUIDE

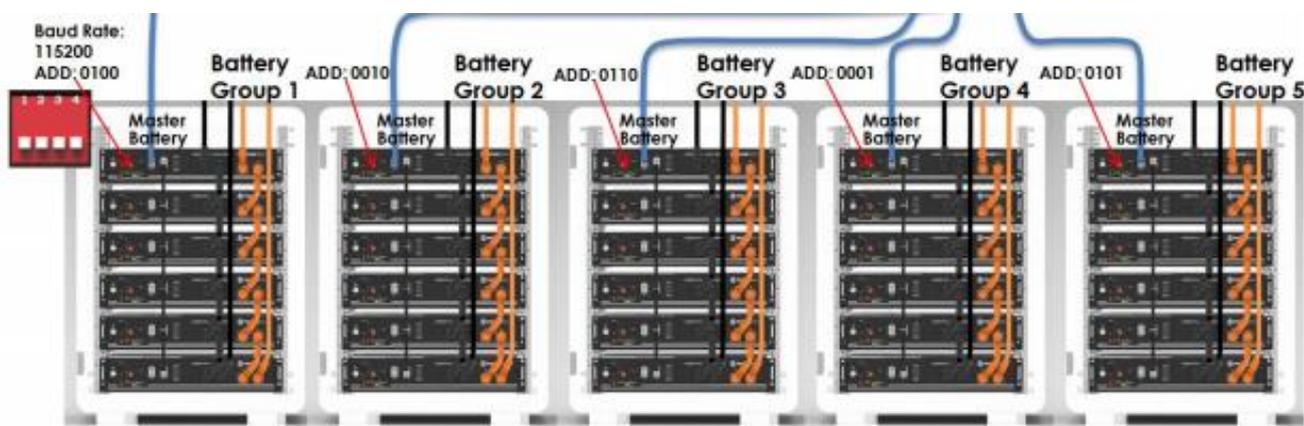
### FOR CAN BUS COMMUNICATION

#### Please note:

- All the batteries and the LV Hub must be OFF
- 12V Pylontech LV HUB will come with a 12V power supply in the packaging
- Should the LV hub be supplied without a power supply in the packaging it will require a 48V supply although the label may state 12V

#### STEP 1

- SET THE ADD SWITCHES ON EACH BANK'S MASTER AS BELOW - **DO NOT CONNECT INTO THE LV HUB YET**



- ONLY THE MASTER BATTERY OF EACH GROUP THAT THE ADD BE SET – THE REST MUST BE AT **DOWN** POSITION

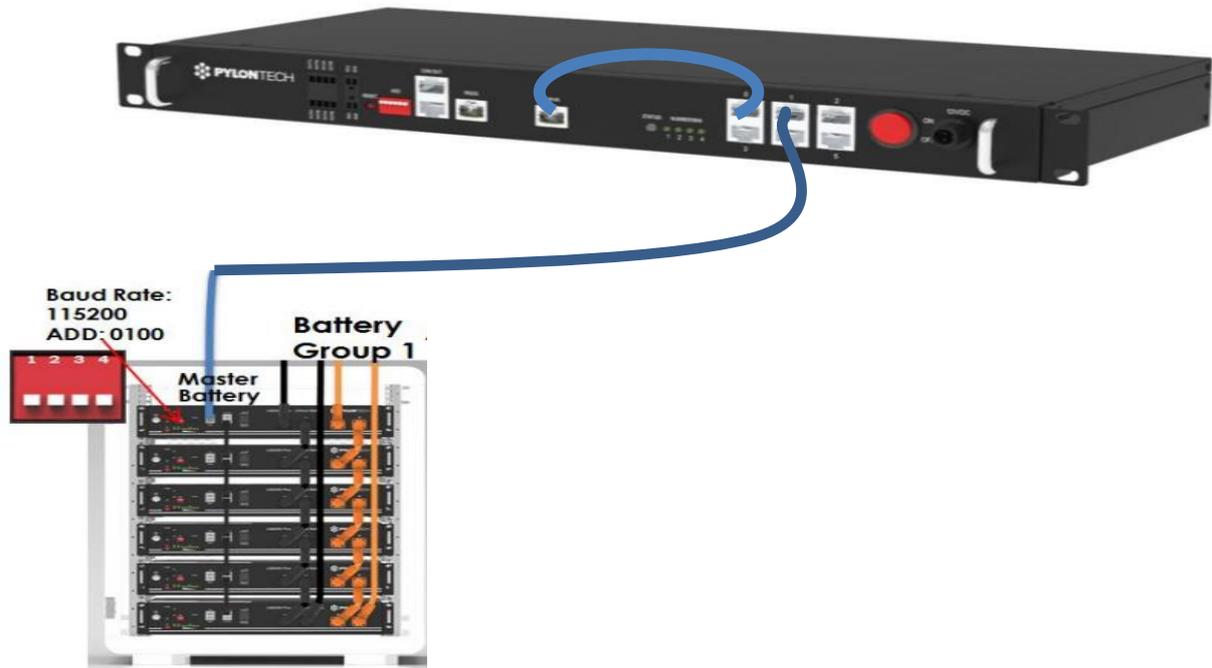
#### STEP 2

- CONNECT THE COMMUNICATION CABLE FROM PORT "0" TO PORT "CAN IN"
- CONNECT THE POWER SUPPLY CABLE INTO THE LV-HUB AND INTO THE 48V SUPPLY



**STEP 3**

- CONNECT ONLY THE FIRST GROUP FROM “CAN” OF THE MASTER TO PORT “1” OF THE HUB
- SWITCH ON THE BATTERIES IN GROUP 1 UNTIL ALL UNITS “RUN” UNITS
- DOUBLE CHECK THAT THERE ARE NO ALARMS IN ALL THE BATTERIES IN THE GROUP



**STEP 4**

- ENSURE THAT ALL THE DIP SWITCHES ON THE LV-HUB ARE ON THE UP POSITION
- NOW SWITCH ON THE LV HUB

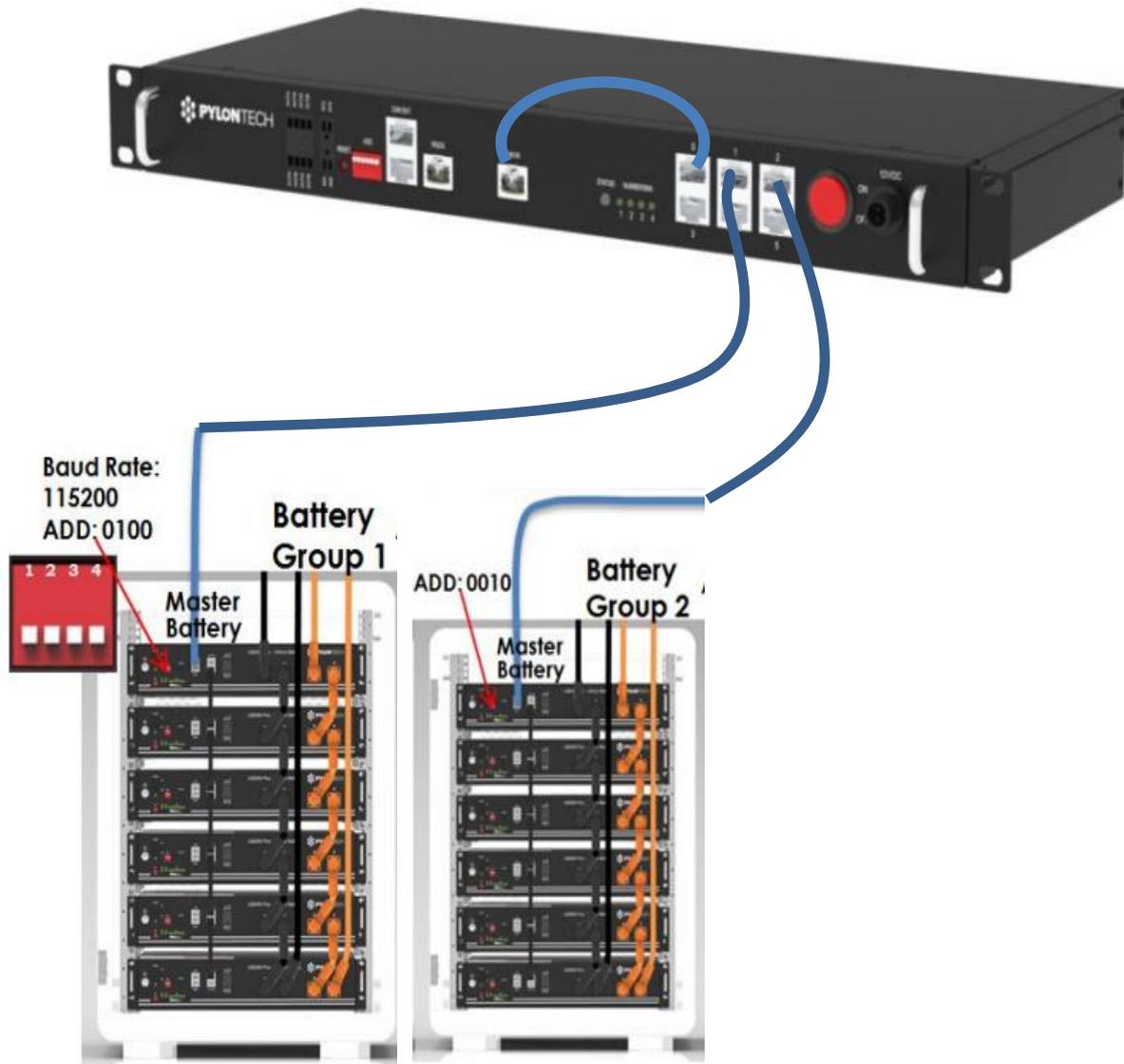
**LED Indicators Instructions**

Status				●	Normal
				●	No battery connected or at least one group is off line. When battery group is reduced it will alarm (in red), but when battery group is added in it will no alarm.
1	2	3	4		Green flash; connected battery groups number
●					1 group
	●				2 groups
●	●				3 groups
		●			4 groups
●		●			5 groups
	●	●			6 groups
●	●	●			7 groups

LED 1 MUST FLASH GREEN, INDICATING THAT IT CAN SEE THE SINGLE GROUP CONNECTED  
IF STATUS SHOWS RED LIGHT, ENSURE THAT ALL THE CABLES ARE PUSHED IN FIRMLY AND RESET THE HUB

**STEP 5**

- SWITCH OFF THE LV-HUB
- CONNECT THE SECOND GROUP OF BATTERIES



- REPEAT STEP 4, NOW LED 2 ON THE HUB SHOULD FLASH. INDICATING 2 GROUPS ARE BEING RECOGNIZED.
- TO CONNECT GROUP 3, 4 & 5 CONTINUE TO ADD THEM ONE BY ONE CHECKING **STEP 4** AFTER EACH CONNECTION.