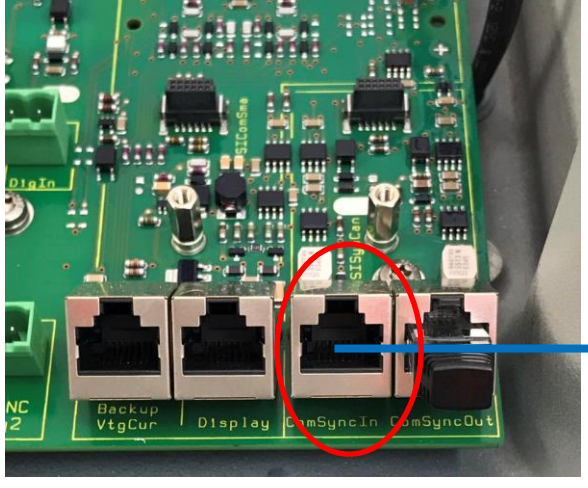
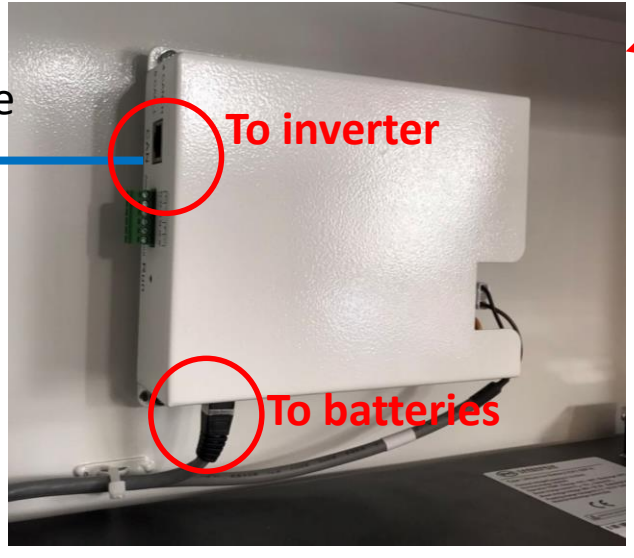
B-Box with Sunny Island Commissioning

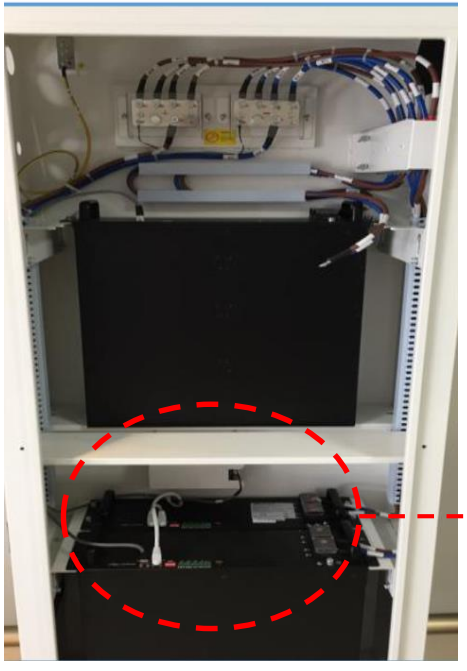
Connecting B-Box BMU to Sunny Island

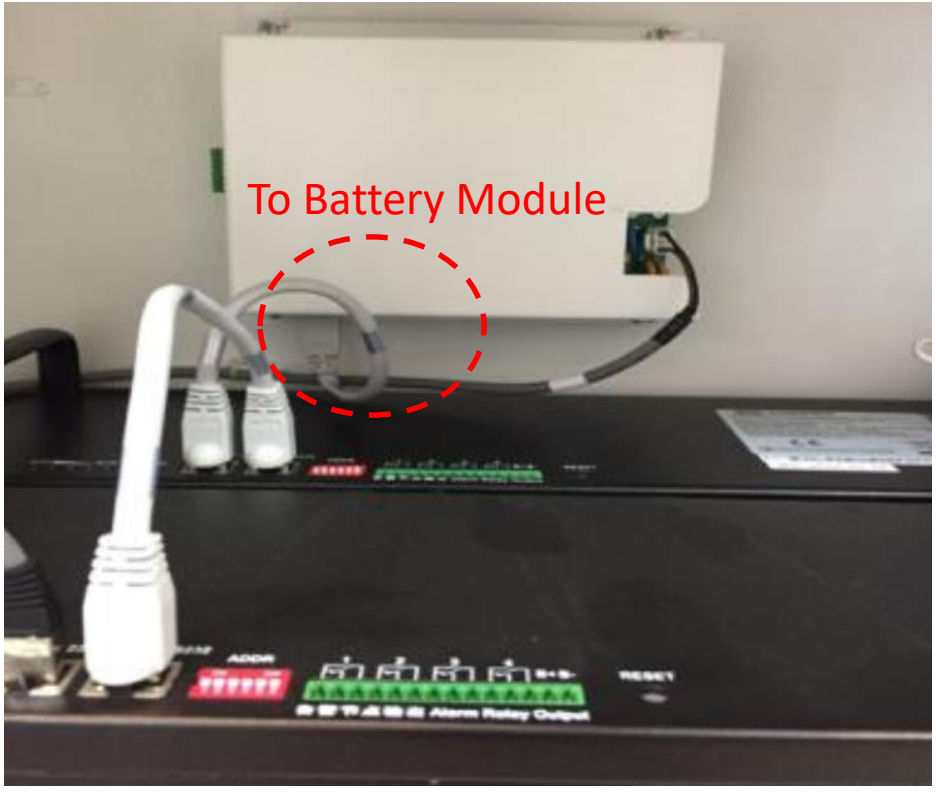


Standard
network cable

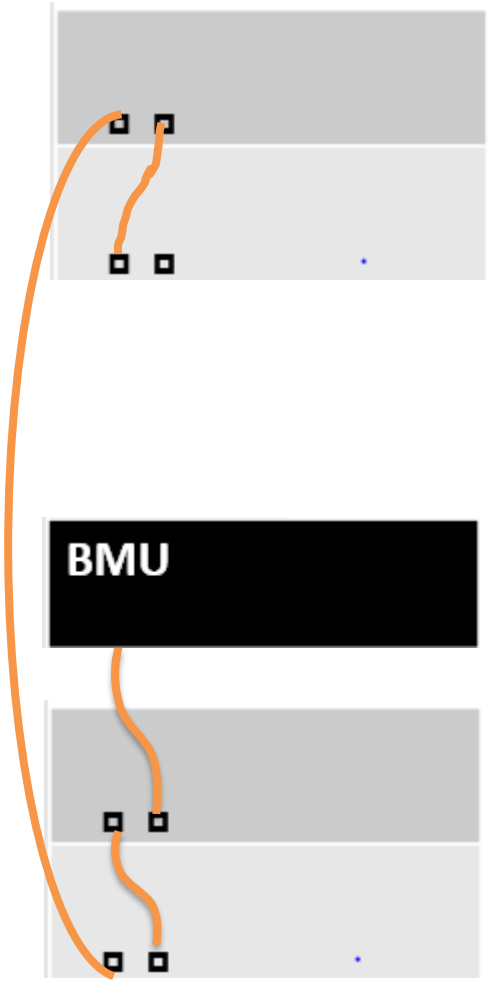


Connecting B-Box BMU to Battery Modules

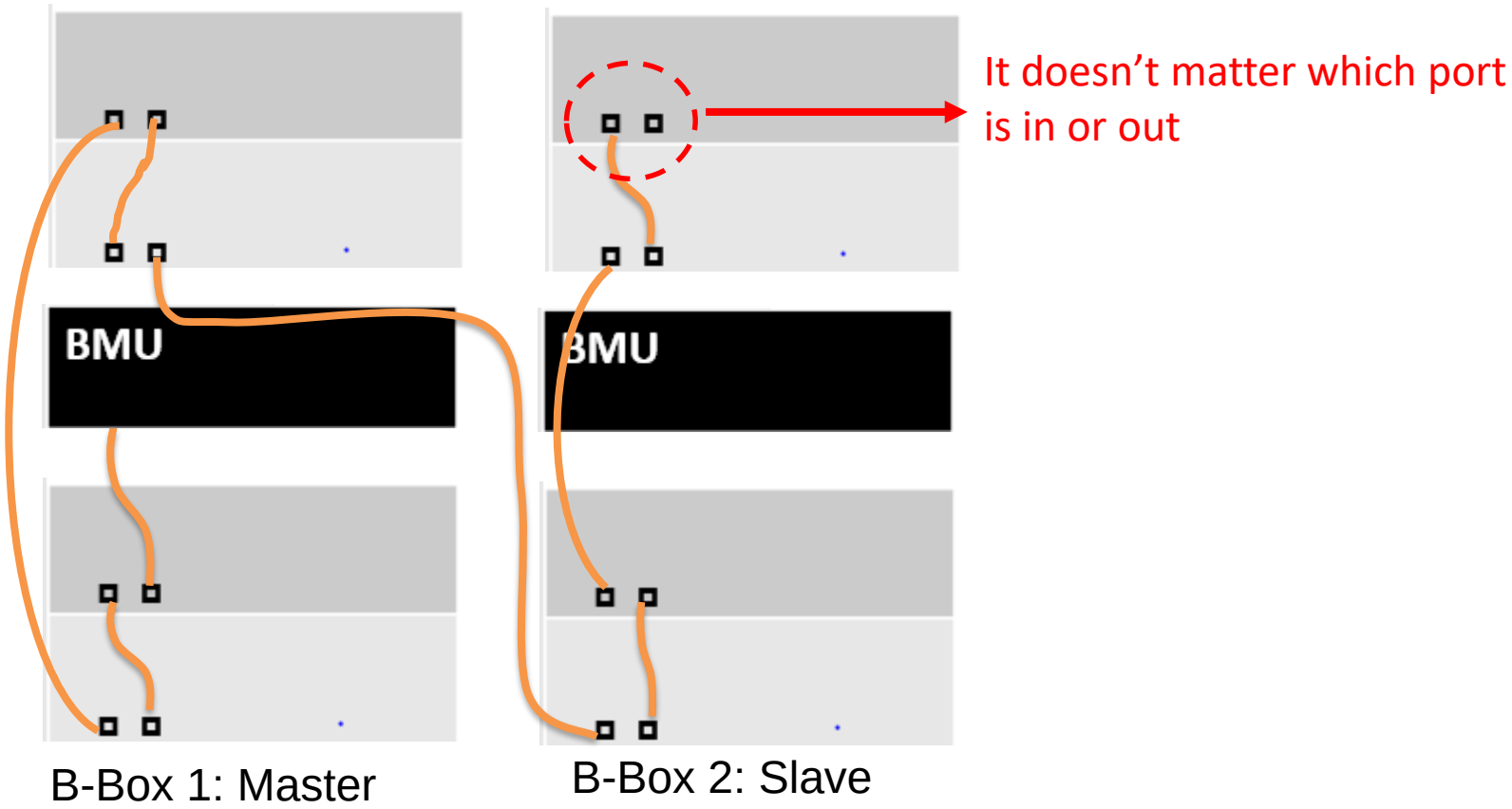




Comms Cables Connection in One Cabinet



Comms Cables Connection for Master & Slave B-Box



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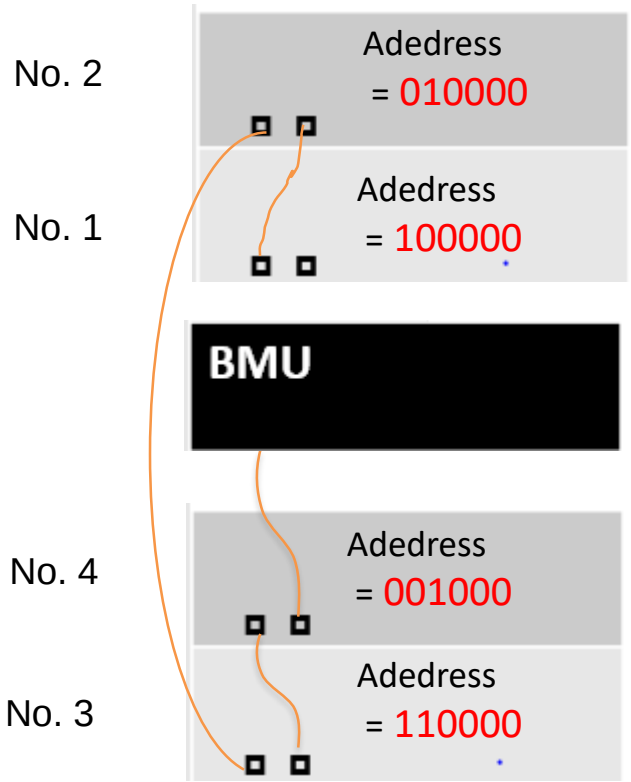
Address Setup for 1 Cabinet



B-Box 1: Master

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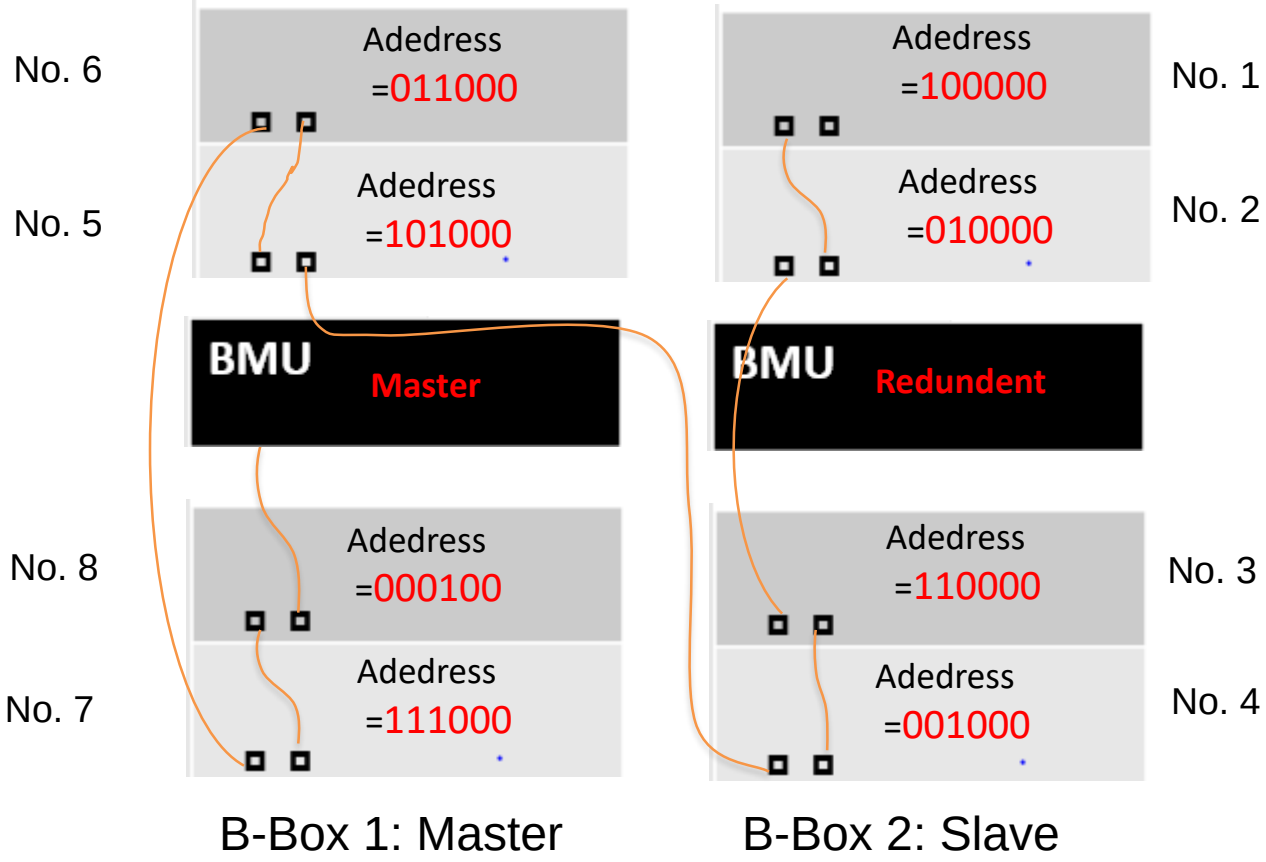
Address Setup for 2 Cabinets



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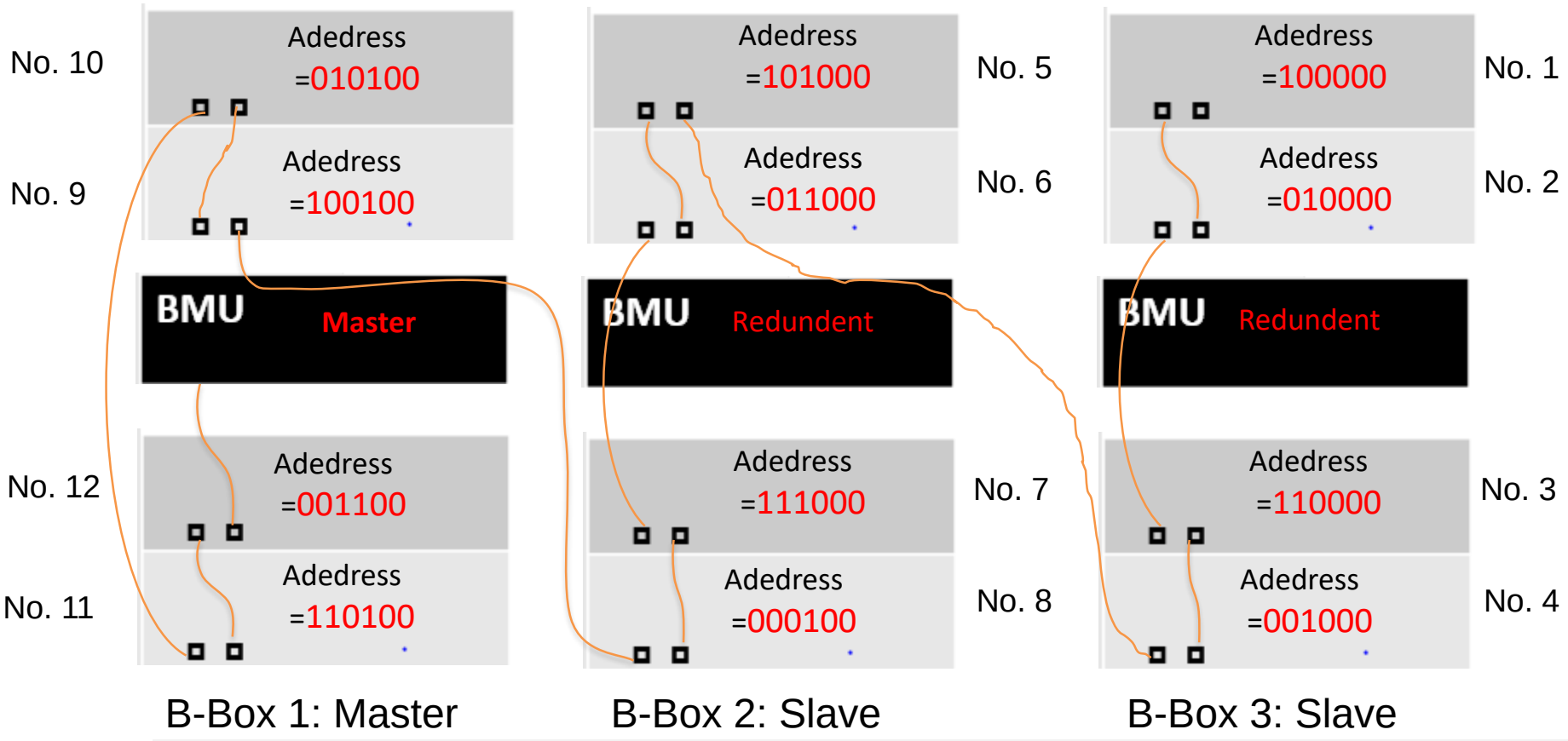
Address Setup for 3 Cabinets



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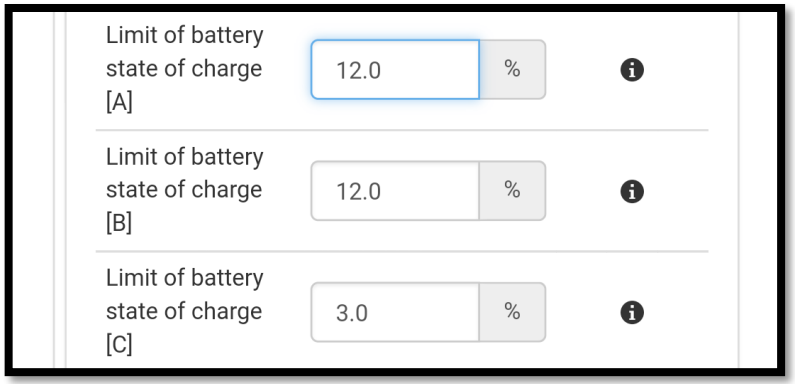
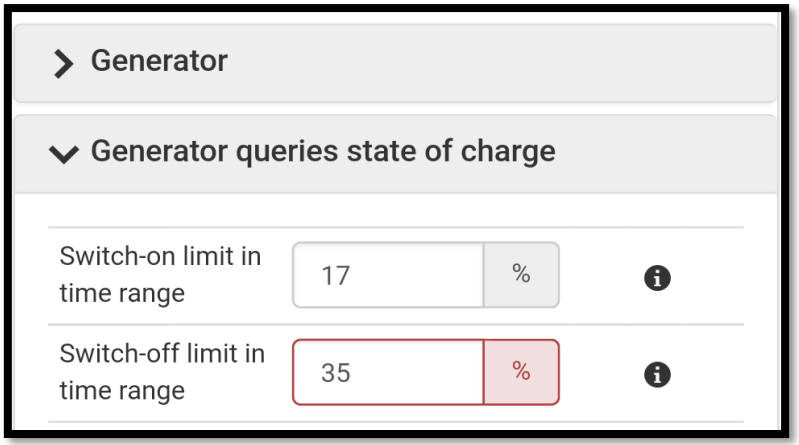
Battery protection SOC setup for Sunny Island v12 (WIFI version)

Connect to SUNNY ISLAND's WIFI with your computer or cellphone
Connection URL 192.168.12.3

Battery - Protection mode



v12 (WIFI version)



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Battery protection SOC setup for Sunny Island v11 (No WiFi)

Charging the battery Usage through battery backup system without increased self-consumption

Parameters	Setup value
003.07Batt Typ	Li Lon_Ext-BMS
003.10Batt Cpynom	50
262.01ProtResSOC	3
262.02BatResSOC	10

Battery capacity nominated = 50Ah * battery numbers
e.g. For 4PCS batteries = 50Ah*4 = 200Ah

Parameter setup for B-BOX in off-grid

Protection for the Battery

Parameters	Recommended Value
223.05 BatPro1Soc	12%
223.06 BatPro2Soc	12%
223.07 BatPro3Soc	3%

Gen Autostart Control

Parameters	Recommended Value
235.03 GnSocTm1Str	17%
235.04 GnSocTm1Stp	35%

v11 (No WiFi)

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