

SETTING GUIDE

Xtreme LV SAJ Inverter



Model Example: H1-6K-S2

1 Battery Dial Setting

Battery Switch Position

Inverter Dial

ON 1 2 3 4 5 6 0.0.0.0.1.0

For parallel battery systems, set the dial switch only on the master battery as specified, and leave slave batteries at default settings.

Address Dial

Code	Dial Switch Position	Definition
01		Set as Battery 1 or the single battery operation (communicate with the inverter)
02		Set as Cluster 2
03		Set as Cluster 3
04		Set as Cluster 4
05		Set as Cluster 5
06		Set as Cluster 6
07		Set as Cluster 7
08		Set as Cluster 8
09		Set as Cluster 9
10		Set as Cluster 10
11		Set as Cluster 11
12		Set as Cluster 12
13		Set as Cluster 13
14		Set as Cluster 14
15		Set as Cluster 15

Set the dial codes sequentially for each battery when connected in parallel, supporting up to **15 units**.

Function Dial

Single Xtreme LV: ON 1 2 3 4 5 6

Two Xtreme LV: Master (ON 1 2 3 4 5 6), Last Slave (ON 1 2 3 4 5 6)

Three Xtreme LV: Master (ON 1 2 3 4 5 6), Middle Slave (ON 1 2 3 4 5 6), Last Slave (ON 1 2 3 4 5 6)

*Set the Function Dial on the master and last slave batteries to **1.0.0.0.0.1**, and the middle slave battery to **0.0.0.0.0.1**.

2 Battery & Inverter Communication Line Settings

Battery-Side Interface Point for Inverter Wiring

Inverter-Side Interface Point for Battery Wiring

*When connecting the battery and inverter with this box, configure the dial switches as illustrated.

One 2m communication cable is for parallel, the other 2m cable with a 20 cm cable is for connecting the CAN box and then communicate with inverter (as shown below).

ANI H +

0

L -

CAN

A

0

B -

RS485

3 Inverter Settings

Bat setting

Bat protocol: SAJ-CAN

Bat wake up: OFF ON

On-grid DOD: 80%

Off-grid DOD: 80%

Bat cap: 100Ah

Bat chg volt: 56.8V

Bat cut-off volt: 48.5V

Bat Max curr: C:0A D:0A

OK

Please enter the inverter LCD screen Bat setting.
Battery protocol: Select the bat protocol to "Pylon-CAN"

4 End Settings

For further inquiries or assistance, please scan the QR codes below for more support.

Technical Support

Website

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