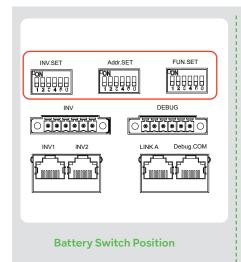# SETTING GUIDE

Xtreme LV Deye inverter

Model Example: SUN-8K-SG1LP1 Inverter

❶ Battery Dial Setting

Battery Switch Position

Inverter Dial

1.1.0.1.0.0

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

01

Function Dial

Single Xtreme LV:

Two Xtreme LV:

Master — Last Slave

Three Xtreme LV:

Master — Middle Slave — Last Slave

*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**.

02

Address Dial

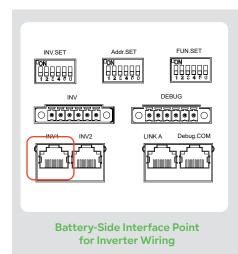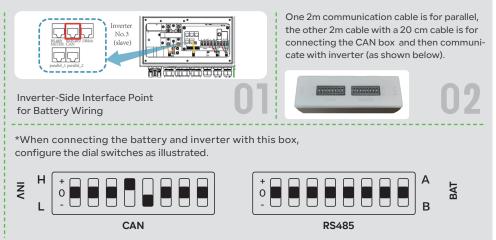| Code	Dial Switch Position	Definition
01		Set as Battery 1 or the **single battery** operation (communicate with the inverter)
02		Set as Cluster 2
03		Set as Cluster 3
04		Set as Cluster 4
05		Set as Cluster 5
06		Set as Cluster 6
07		Set as Cluster 7
08		Set as Cluster 8
09		Set as Cluster 9
10		Set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

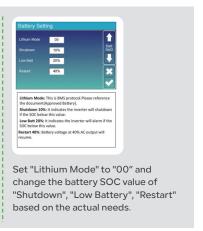Set the dial codes sequentially for each battery when connected in parallel, supporting up to **15 units.**

03

❷ Battery & Inverter Communication Line Settings

Battery-Side Interface Point for Inverter Wiring

Inverter No.3 (slave)

Inverter-Side Interface Point for Battery Wiring

01

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).

02

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

INV — H + 0 L − — **CAN**

+ 0 − — **RS485** — A B — BAT

❸ Inverter Settings

Select lithium battery mode and activate the battery

Set "Lithium Mode" to "00" and change the battery SOC value of "Shutdown", "Low Battery", "Restart" based on the actual needs.

❹ End Settings

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

Technical Support

Website