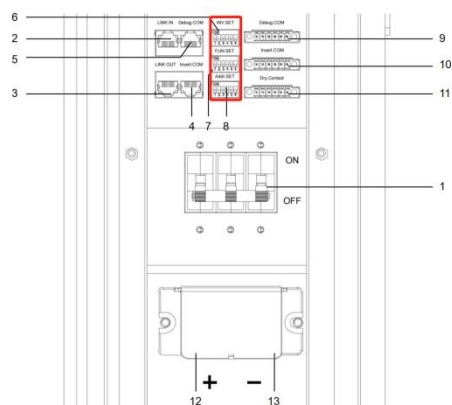


# Xcellent plus with Deye inverter

## 1. Battery dial setting



Battery switch position

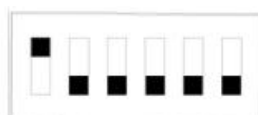
### 1) Inverter dial

11		DEYE	
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When batteries are in parallel, only need to set the master battery to the above dip switch, and the slave batteries do not need to be moved.

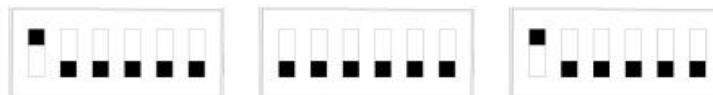
### 2) Function dial

Single Xcellent plus battery



Single device	#1	#2	#3	#4	#5	#6
Device FUN.SET dial code	1	0	0	0	0	0




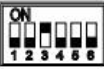


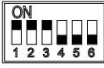





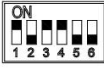


Three Xcellent plus batteries for reference:



When 3 devices in parallel	#1	#2	#3	#4	#5	#6
The first device	1	0	0	0	0	0
The second device	0	0	0	0	0	0
The third device	1	0	0	0	0	0

The Function dip of the master and last slave battery should be set as 100000, and the other slave batteries are set to 000000.

### 3) Address dial

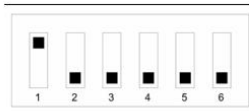
Code	Dial Switch Position	Definition
1		Set as battery 1 (communicate with inverter by this battery)
2		Set as battery 2
3		Set as battery 3
4		Set as battery 4
5		Set as battery 5
6		Set as battery 6
7		Set as battery 7
8		Set as battery 8
9		Set as battery 9
10		Set as battery 10
11		Set as battery 11
12		Set as battery 12
13		Set as battery 13
14		Set as battery 14
15		Set as battery 15

Similarly, dial the codes according to the battery sequence when paralleling, up to 15 units.

Example: DIP switch for three batteries in parallel ( Master as first one, slave 1 as second one, slave 2 as third one, and so on).

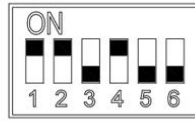
**Master:** ←

ADD

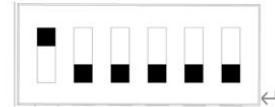


←

INV

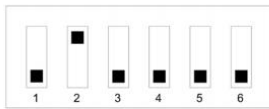


FUN ←



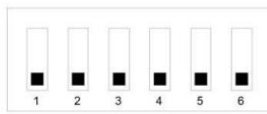
**Slave1:** ←

ADD

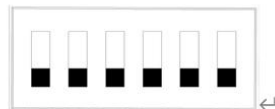


←

INV

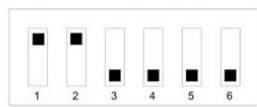


FUN ←

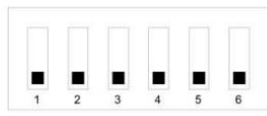


**Slave2:** ←

ADD



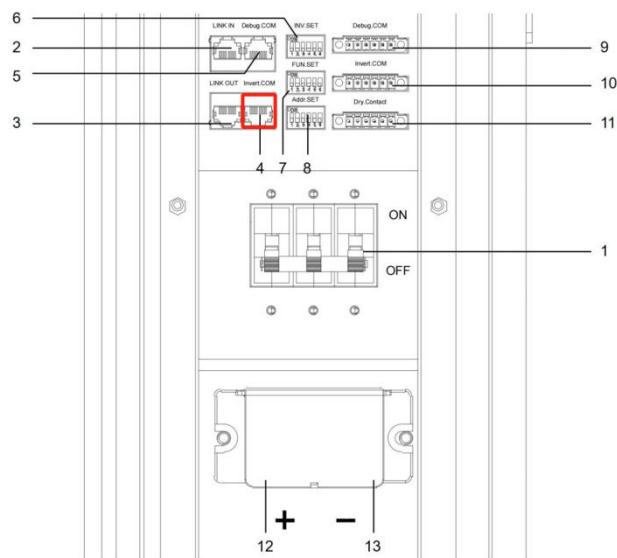
INV



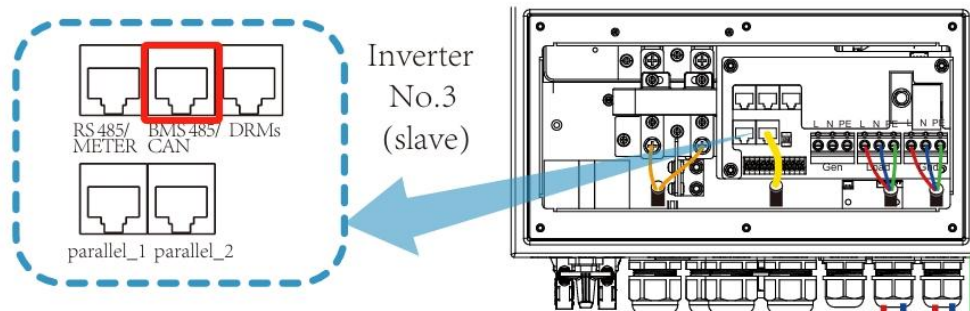
FUN ←



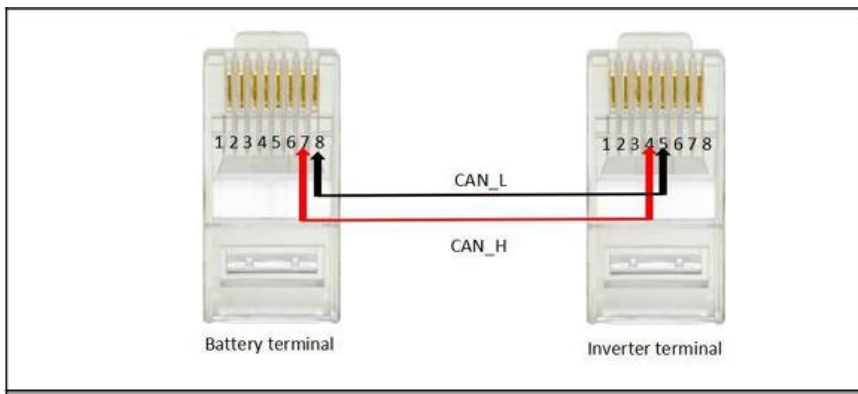
2、 Battery and inverter communication line settings



Battery and inverter wiring battery terminal interface point



Battery and inverter wiring interface point on the deye inverter side



The wiring sequence of the battery and inverter ends.

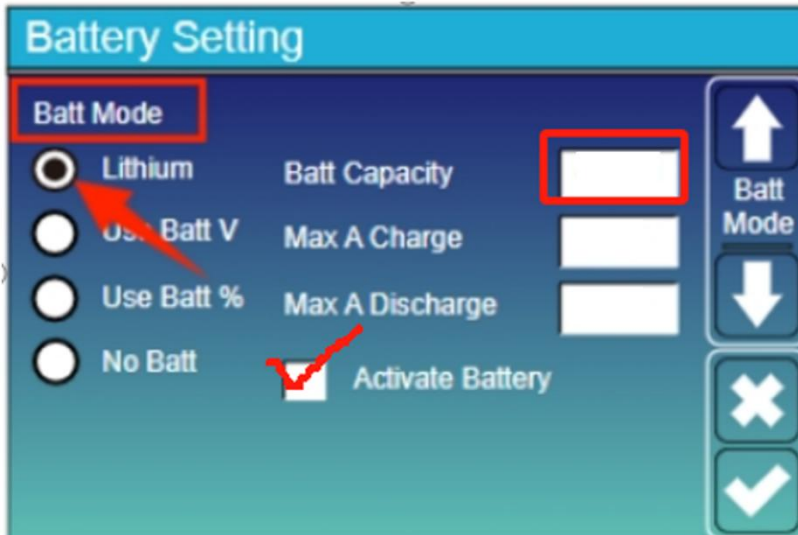
If you choose this box to connect battery and inverter, please dial the following.



	DEYE	CAN
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### 3. Inverter settings

- 1) Inverter settings for batteries



Select **lithium** battery mode and **activate the battery**

For battery capacity, if one battery has 16 kWh, enter 314AH. If two batteries are connected in parallel, enter 314\*2AH, and so on up to 15 batteries.

## 2) Inverter settings for batteries

Battery Setting		
Lithium Mode	00	↑ Batt Set3 ↓ ✕ ✓
Shutdown	10%	
Low Batt	20%	
Restart	40%	

**Lithium Mode:** This is BMS protocol. Please reference the document (Approved Battery).

**Shutdown 10%:** It indicates the inverter will shutdown if the SOC below this value.

**Low Batt 20%:** It indicates the inverter will alarm if the SOC below this value.

**Restart 40%:** Battery voltage at 40% AC output will resume.

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

The values of other inverters can be set according to the customer's own needs.