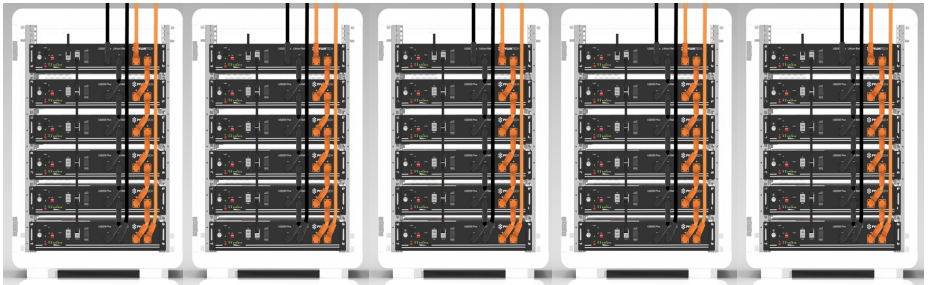


### Multi-group mode By RS485:

do not need LV-HUB

Connect power cable first:

- 1) each pair of cable hold max 100A constant current. Connect enough pairs of cable based on calculation of system current.
- 2) Suitable protection breaker between battery system and inverter is



required.

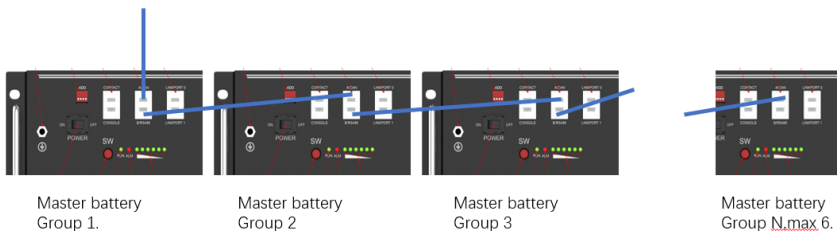
- 3) Make sure all dip switch of master batteries are R0XX, then turn ON batteries.  
R: is the baud rate of RS485 needed, all master batteries shall be the same.
- 4) After all batteries running and buzzer of master battery in group1 rings 3 times. Means all groups are online.

The interruption of each RS485 command shall at least  $\geq 1$ s.

### Multiple Battery Groups RS485 Communication Cable Connection

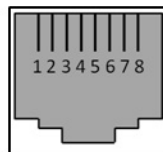
Max 6 groups

- 1) The A/CAN of 1<sup>st</sup> group/master battery connects to inverter or EMS(pin: 7A, 8B, **DO NOT connect other pins**)
- 2) The B connect to A of next group; the B/RS485 of last group master battery is empty.

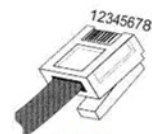


### Definition of RJ45 Port Pin

	A/CAN	B/RS485
Pin1	Shall be NULL.	
Pin2	If not, may influence BMS function.	
Pin3		
Pin4	CAN-H	CAN-H (single group)
Pin5	CAH-L	CAN-L (single group)
Pin6	CAN-GND	CAN-GND (single group)
Pin7	485A	485A(recommended)
Pin8	485B	485B(recommended)



RJ45 Port



RJ45 Plug