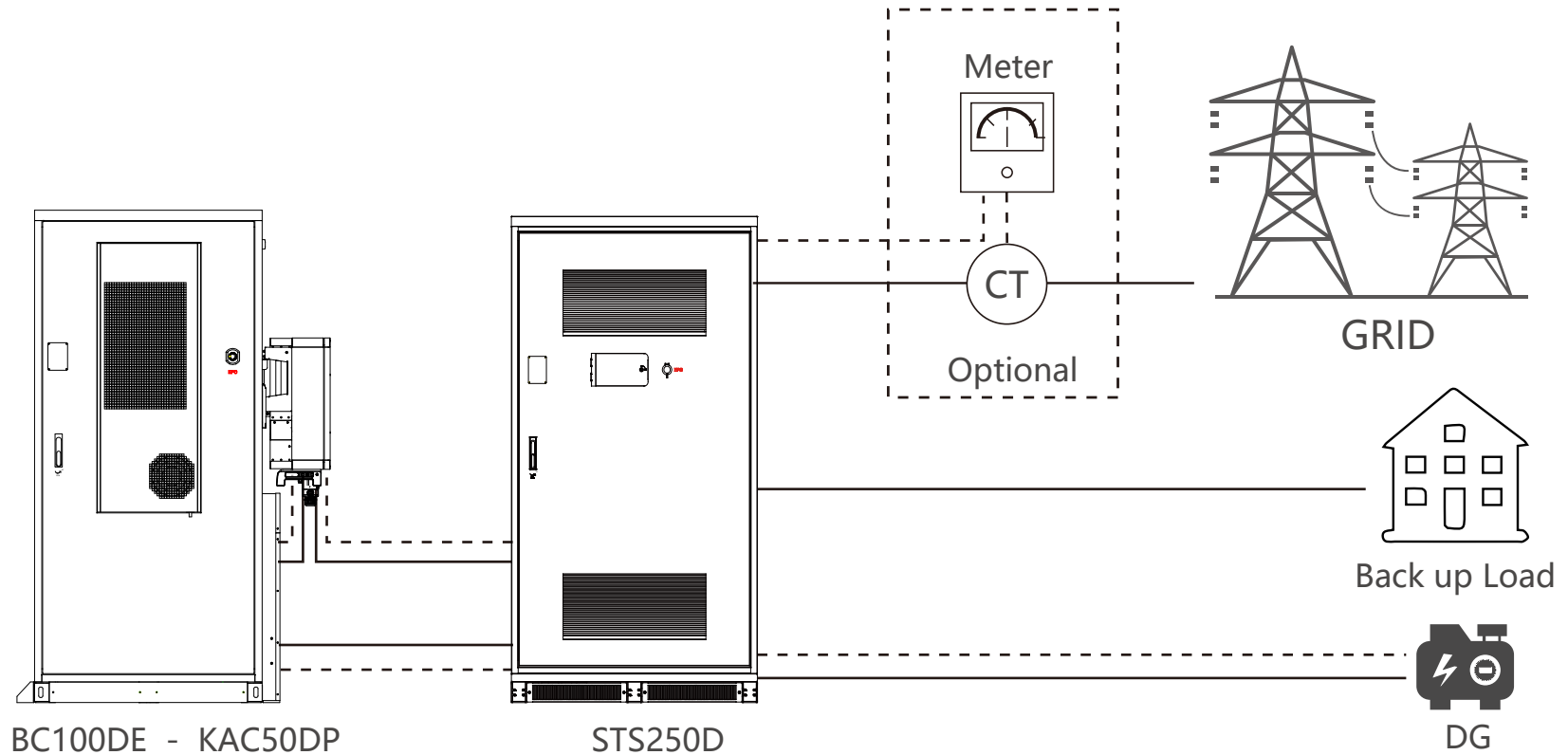


1 x BC100DE - 1 x KAC50DP - 1 x STS250D



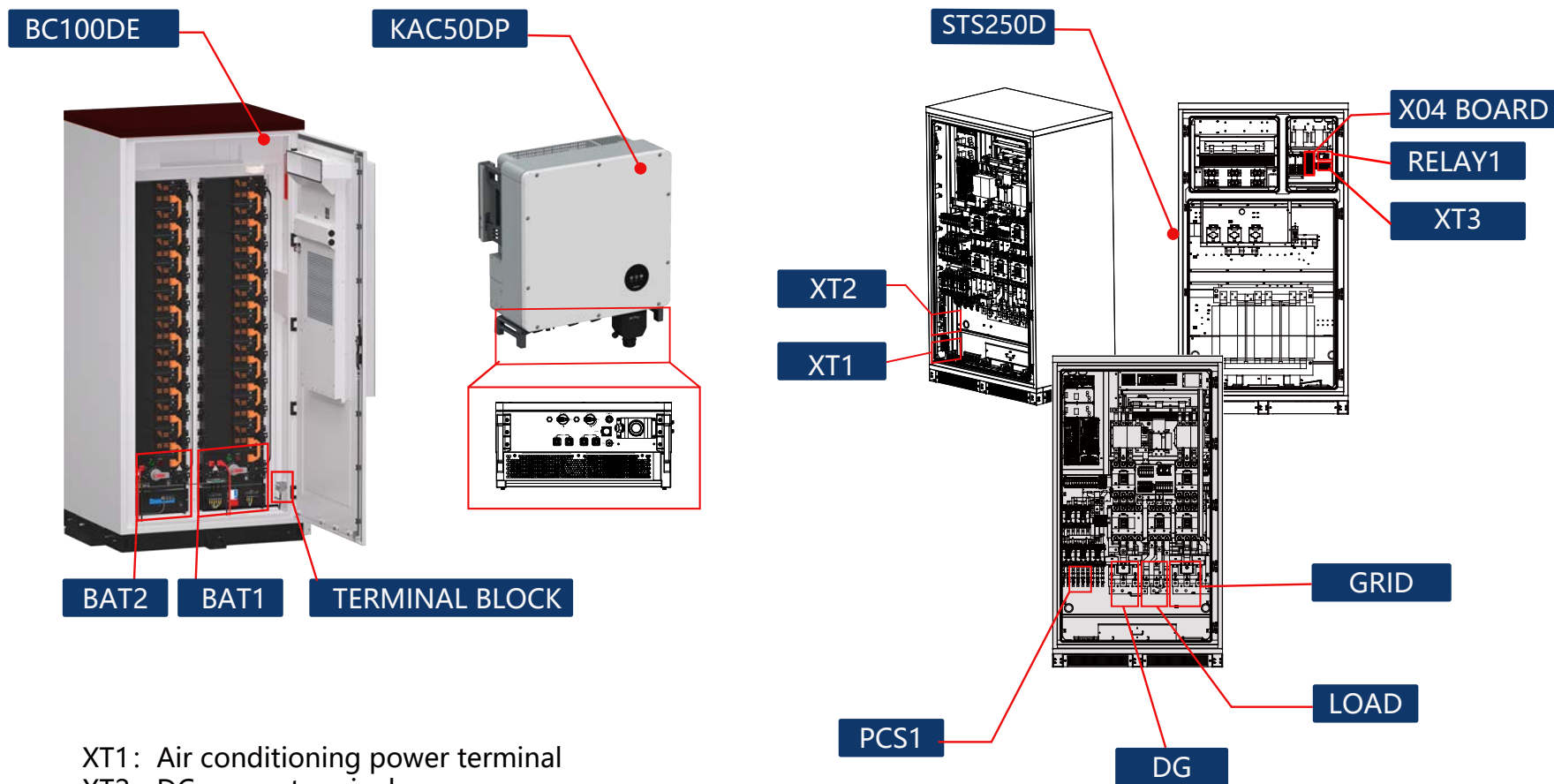
2x BC100DE - 2 x KAC50DP - 1 x STS250D

3x BC100DE - 3 x KAC50DP - 1 x STS250D

4x BC100DE - 4 x KAC50DP - 1 x STS250D

5x BC100DE - 5 x KAC50DP - 1 x STS250D

The connection method is consistent with the diagram

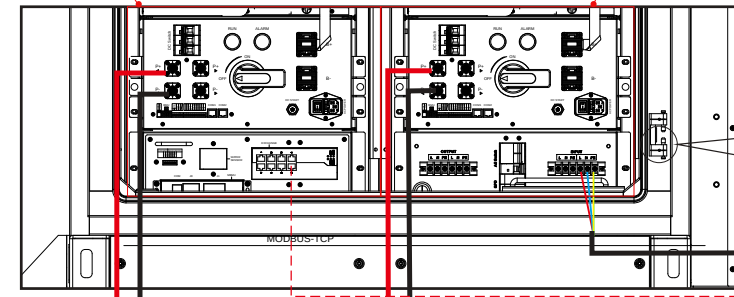


XT1: Air conditioning power terminal
 XT2: DC power terminal
 XT3: External terminal
 X04: Parallel communication board

BC100DE

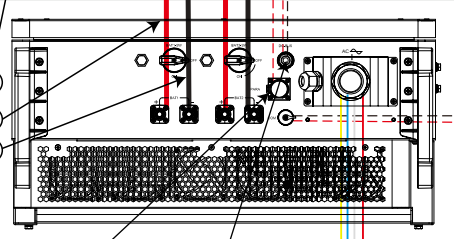
BAT2

BAT1



KAC50DP

1
2
3
4



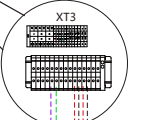
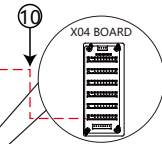
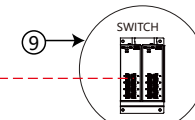
STS250D

TERMINAL BLOCK

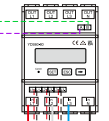
XT1

XT2

PCS1



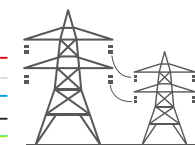
METER-RS485



EXTERNAL EPO INPUT

GRID

13



GRID

LOAD

12

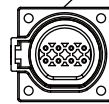
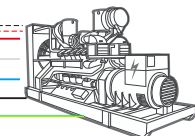


LOAD

DG

14

15



PARA



DC-BUS

1PIN	RS485-A
2PIN	RS485-B
3PIN	CAN-H
4PIN	CAN-L
5PIN	CROSS-ZERO
6PIN	EPO
7PIN	CARRIER
8PIN	PE

1PIN	DC-BUS +
2PIN	\
3PIN	DC-BUS-
4PIN	\

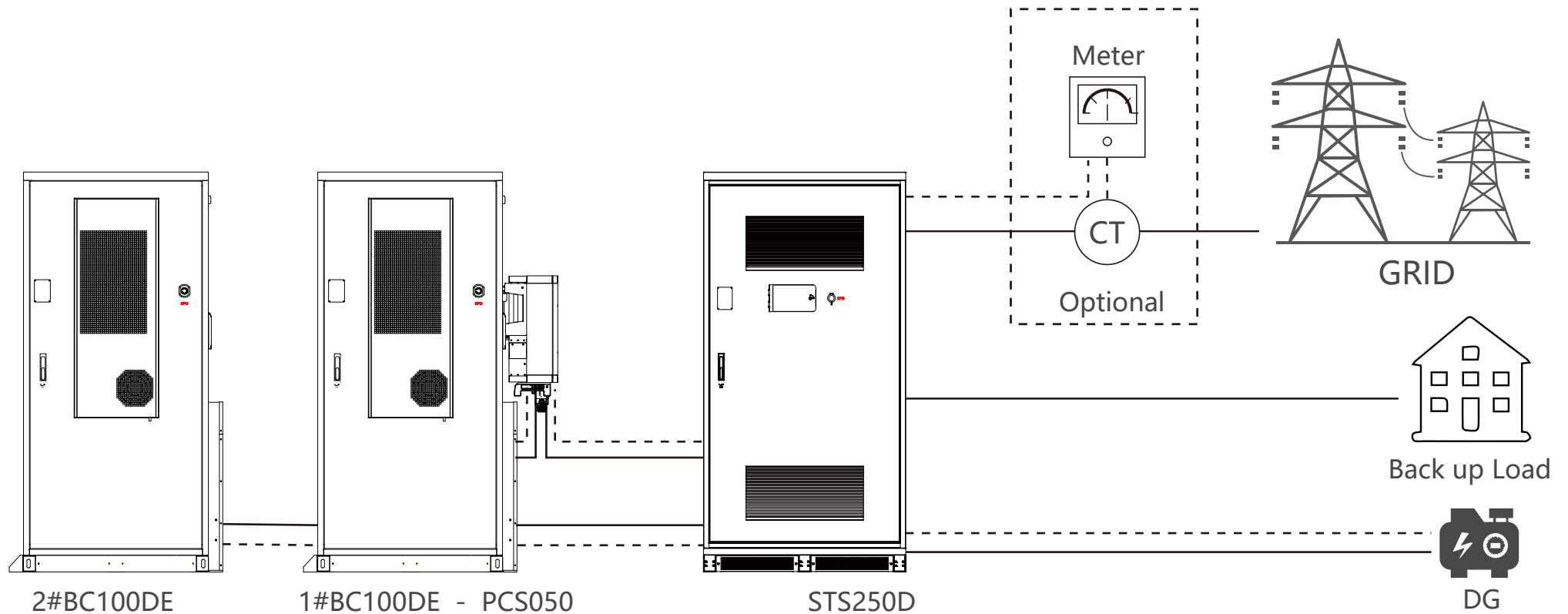
No	From			To		
①	KAC50DP	BAT2	+	BC100DE	BAT2	P+
②	KAC50DP	BAT2	-	BC100DE	BAT2	P-
③	KAC50DP	BAT1	+	BC100DE	BAT1	P+
④	KAC50DP	BAT1	-	BC100DE	BAT1	P-
⑤	BC100DP	INPUT	L/N/PE	STS250D	XT1/N Copper Bar/ PE Copper Bar	L/N/PE
⑥	KAC50DP	DC-BUS		STS250D	XT2	PIN1/PIN3
⑦	KAC50DP	COM		BC100DE	TERMINAL BLOCK	PIN1/PIN2
⑧	METER	A/B		STS250D	XT3	PIN6/PIN7
⑨	BC100DE	EXCHANGE		STS250D	SWITCH	BMS1
⑩	KAC50DP	PARA		STS250D	X04	J4
⑪	STS250D	PCS1		PCS	AC	
⑫	STS250D	LOAD		LOAD		
⑬	STS250D	GRID		GRID		
⑭	STS250D	DG		DG		
⑮	STS250D	XT3	PIN13/PIN14	DG	START	

5x BC100D - 5 x KAC50DP - 1 x STS250D

No	From			To		
1	1#KAC50DP	BAT2	+	1#BC100DE	BAT2	P+
2	1#KAC50DP	BAT2	-	1#BC100DE	BAT2	P-
3	1#KAC50DP	BAT1	+	1#BC100DE	BAT1	P+
4	1#KAC50DP	BAT1	-	1#BC100DE	BAT1	P-
	2#KAC50DP	BAT2	+	2#BC100DE	BAT2	P+
	2#KAC50DP	BAT2	-	2#BC100DE	BAT2	P-
	2#KAC50DP	BAT1	+	2#BC100DE	BAT1	P+
	2#KAC50DP	BAT1	-	2#BC100DE	BAT1	P-
	3#KAC50DP	BAT2	+	3#BC100DE	BAT2	P+
	3#KAC50DP	BAT2	-	3#BC100DE	BAT2	P-
	3#KAC50DP	BAT1	+	3#BC100DE	BAT1	P+
	3#KAC50DP	BAT1	-	3#BC100DE	BAT1	P-
	4#KAC50DP	BAT2	+	4#BC100DE	BAT2	P+
	4#KAC50DP	BAT2	-	4#BC100DE	BAT2	P-
	4#KAC50DP	BAT1	+	4#BC100DE	BAT1	P+
	4#KAC50DP	BAT1	-	4#BC100DE	BAT1	P-
	5#KAC50DP	BAT2	+	5#BC100DE	BAT2	P+
	5#KAC50DP	BAT2	-	5#BC100DE	BAT2	P-
	5#KAC50DP	BAT1	+	5#BC100DE	BAT1	P+
	5#KAC50DP	BAT1	-	5#BC100DE	BAT1	P-
5	1#BC100D	INPUT	L/N/PE	STS250D	Xt1/N Copper Bar/PE Copper Bar L/N/PE	
	2#BC100D	INPUT	L/N/PE	STS250D	Xt1/N Copper Bar/PE Copper Bar L/N/PE	
	3#BC100D	INPUT	L/N/PE	STS250D	Xt1/N Copper Bar/PE Copper Bar L/N/PE	
	4#BC100D	INPUT	L/N/PE	STS250D	Xt1/N Copper Bar/PE Copper Bar L/N/PE	
	5#BC100D	INPUT	L/N/PE	STS250D	Xt1/N Copper Bar/PE Copper Bar L/N/PE	
6	1#KAC50DP	DC-BUS		STS250D	XT2	PIN1/PIN3

No	From		To		
	2#KAC50DP	DC-BUS	STS250D	XT2	PIN5/PIN7
	3#KAC50DP	DC-BUS	STS250D	XT2	PIN9/PIN11
	4#KAC50DP	DC-BUS	STS250D	XT2	PIN13/PIN15
	5#KAC50DP	DC-BUS	STS250D	XT2	PIN17/PIN19
7	1#KAC50DP	COM	1#BC100D	TERMINAL BLOCK	PIN1/PIN2
	2#KAC50DP	COM	2#BC100D	TERMINAL BLOCK	PIN1/PIN2
	3#KAC50DP	COM	3#BC100D	TERMINAL BLOCK	PIN1/PIN2
	4#KAC50DP	COM	4#BC100D	TERMINAL BLOCK	PIN1/PIN2
	5#KAC50DP	COM	5#BC100D	TERMINAL BLOCK	PIN1/PIN2
8	METER	A/B	STS250D	XT3	PIN6/PIN7
9	1#BC100DE	EXCHANGE	STS250D	SWITCH	BMS1
	2#BC100DE	EXCHANGE	STS250D	SWITCH	BMS2
	3#BC100DE	EXCHANGE	STS250D	SWITCH	BMS3
	4#BC100DE	EXCHANGE	STS250D	SWITCH	BMS4
	5#BC100DE	EXCHANGE	STS250D	SWITCH	BMS5
10	1#KAC50DP	PARA	STS250D	X04	J4
	2#KAC50DP	PARA	STS250D	X04	J4
	3#KAC50DP	PARA	STS250D	X04	J4
	4#KAC50DP	PARA	STS250D	X04	J4
	5#KAC50DP	PARA	STS250D	X04	J4
11	STS250D	PCS1	PCS1	AC	
	STS250D	PCS2	PCS2	AC	
	STS250D	PCS3	PCS3	AC	
	STS250D	PCS4	PCS4	AC	
	STS250D	PCS5	PCS5	AC	
12	STS250D	LOAD	LOAD		
13	STS250D	GRID	GRID		
14	STS250D	DG	DG		
15	STS250D	XT3	PIN13/PIN14	DG	START

2 x BC100DE - 1 x PCS050 - 1 x STS250D



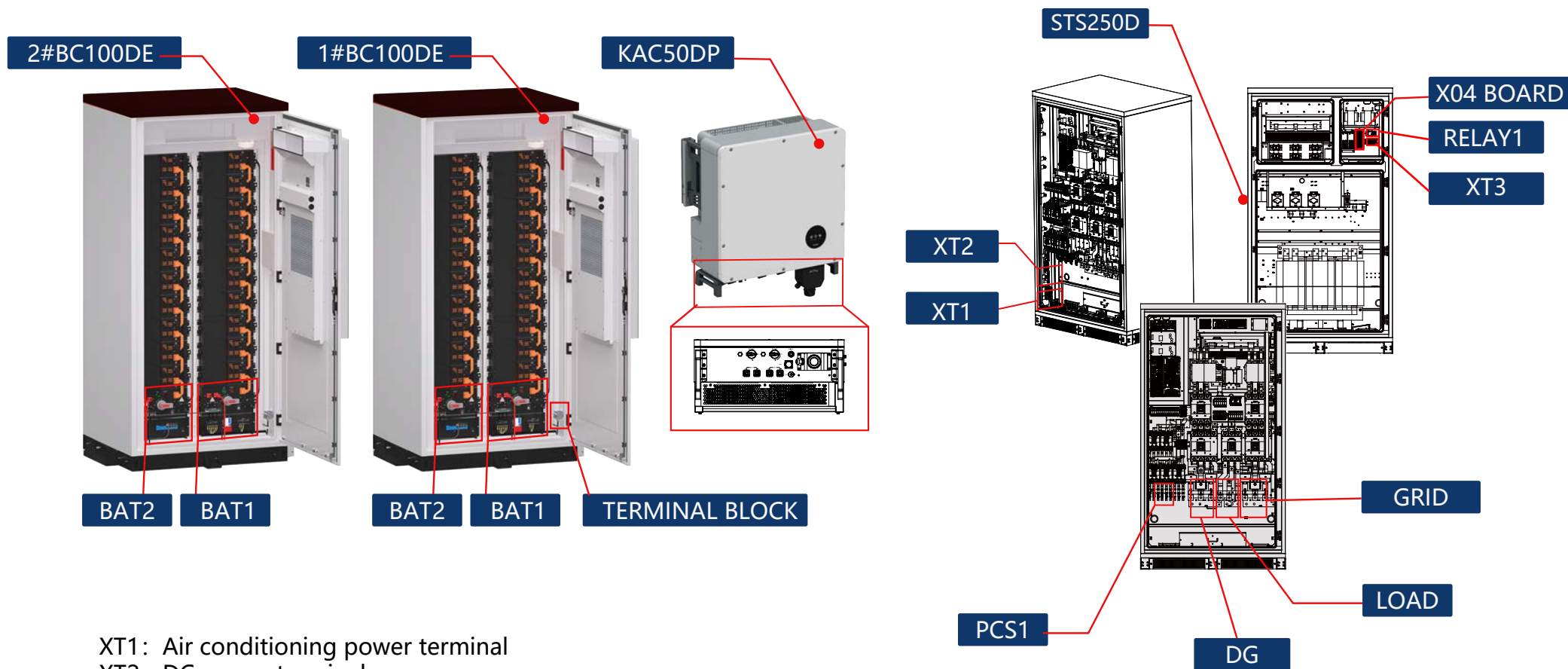
4x BC100DE - 2 x PCS050 - 1 x STS250D

6x BC100DE - 3 x PCS050 - 1 x STS250D

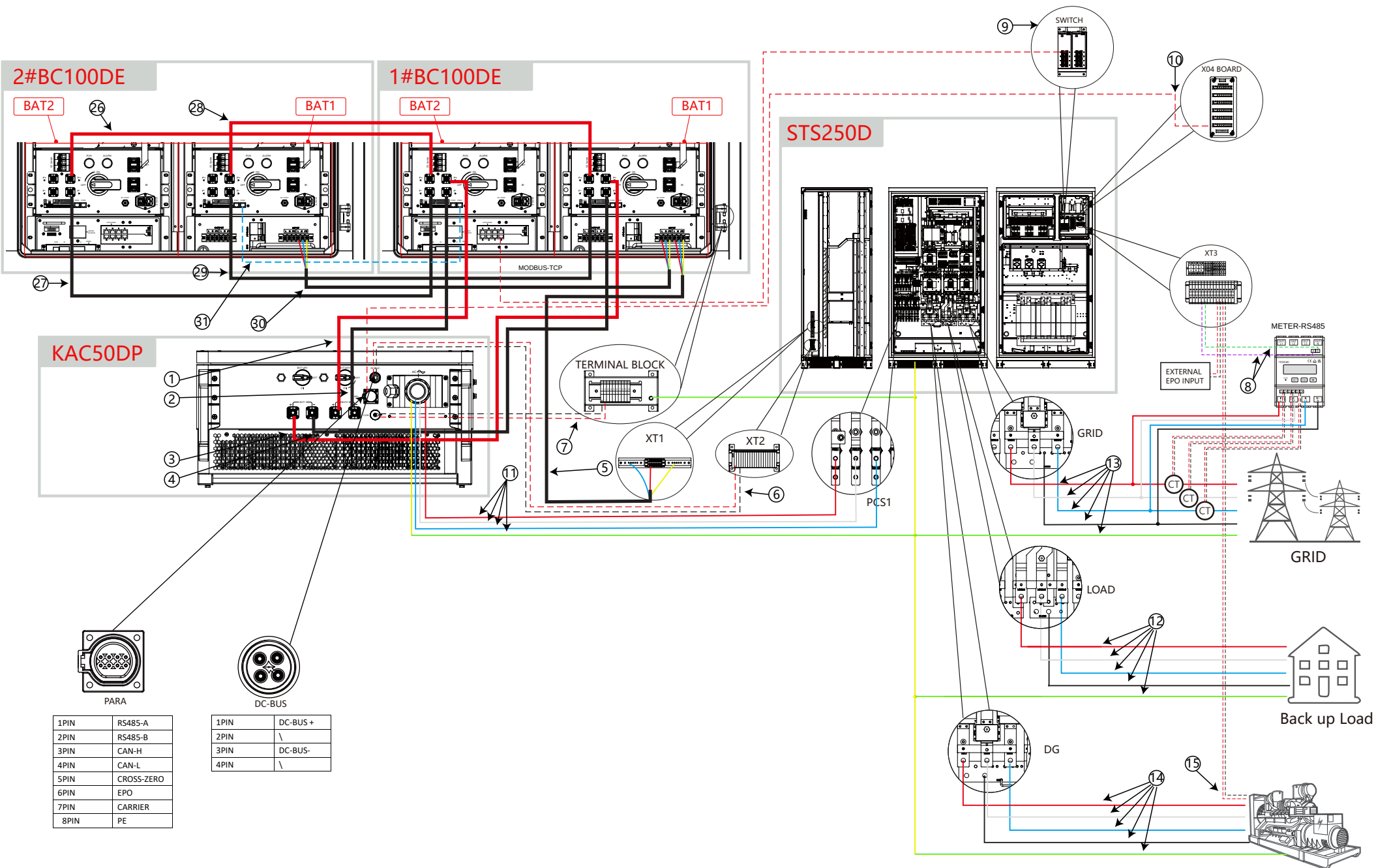
8x BC100DE - 4 x PCS050 - 1 x STS250D

10x BC100DE - 5 x PCS050 - 1 x STS250D

The connection method is consistent with the diagram



XT1: Air conditioning power terminal
 XT2: DC power terminal
 XT3: External terminal
 X04: Parallel communication board



No	From			To		
①	KAC50DP	BAT2	+	1#BC100DE	BAT2	P+
②	KAC50DP	BAT2	-	1#BC100DE	BAT2	P-
③	KAC50DP	BAT1	+	1#BC100DE	BAT1	P+
④	KAC50DP	BAT1	-	1#BC100DE	BAT1	P-
⑤	1#BC100DE	INPUT	L/N/PE	STS250D	XT1/N Copper Bar /PE Copper Bar	L/N/PE
⑥	KAC50DP	DC-BUS		STS250D	XT2	PIN1/PIN3
⑦	KAC50DP	COM		1#BC100DE	TERMINAL BLOCK	PIN1/PIN2
⑧	METER	A/B		STS250D	XT3	PIN6/PIN7
⑨	1#BC100DE	EXCHANGE		STS250D	SWITCH	BMS1
⑩	1#KAC50DP	PARA		STS250D	X04	J4
⑪	STS250D	PCS1		PCS	AC	
⑫	STS250D	LOAD		LOAD		
⑬	STS250D	GRID		GRID		
⑭	STS250D	DG		DG		
⑮	STS250D	XT3	PIN13/PIN14	DG	START	
⑯	2#BC100DE	BAT2	P+	1#BC100DE	BAT2	P+
⑰	2#BC100DE	BAT2	P-	1#BC100DE	BAT2	P-
⑱	2#BC100DE	BAT1	P+	1#BC100DE	BAT1	P+
⑲	2#BC100DE	BAT1	P-	1#BC100DE	BAT1	P-
⑳	2#BC100DE	INPUT	L/N/PE	1#BC100DE	INPUT	L/N/PE
㉑	2#BC100DE	BAT1	COM2	1#BC100DE	BAT2	COM2

10x BC100DE - 5 x PCS050 - 1 x STS250D

No	From			To		
1	1#KAC50DP	BAT2	+	1#BC100DE	BAT2	P+
2	1#KAC50DP	BAT2	-	1#BC100DE	BAT2	P-
3	1#KAC50DP	BAT1	+	1#BC100DE	BAT1	P+
4	1#KAC50DP	BAT1	-	1#BC100DE	BAT1	P-
	2#KAC50DP	BAT2	+	2#BC100DE	BAT2	P+
	2#KAC50DP	BAT2	-	2#BC100DE	BAT2	P-
	2#KAC50DP	BAT1	+	2#BC100DE	BAT1	P+
	2#KAC50DP	BAT1	-	2#BC100DE	BAT1	P-
	3#KAC50DP	BAT2	+	3#BC100DE	BAT2	P+
	3#KAC50DP	BAT2	-	3#BC100DE	BAT2	P-
	3#KAC50DP	BAT1	+	3#BC100DE	BAT1	P+
	3#KAC50DP	BAT1	-	3#BC100DE	BAT1	P-
	4#KAC50DP	BAT2	+	4#BC100DE	BAT2	P+
	4#KAC50DP	BAT2	-	4#BC100DE	BAT2	P-
	4#KAC50DP	BAT1	+	4#BC100DE	BAT1	P+
	4#KAC50DP	BAT1	-	4#BC100DE	BAT1	P-
	5#KAC50DP	BAT2	+	5#BC100DE	BAT2	P+
	5#KAC50DP	BAT2	-	5#BC100DE	BAT2	P-
	5#KAC50DP	BAT1	+	5#BC100DE	BAT1	P+
	5#KAC50DP	BAT1	-	5#BC100DE	BAT1	P-
5	1#BC100DE	INPUT	L/N/PE	STS250D	XT1/N Copper Bar/PE Copper Bar L/N/PE	
	2#BC100DE	INPUT	L/N/PE	STS250D	XT1/N Copper Bar/PE Copper Bar L/N/PE	
	3#BC100DE	INPUT	L/N/PE	STS250D	XT1/N Copper Bar/PE Copper Bar L/N/PE	
	4#BC100DE	INPUT	L/N/PE	STS250D	XT1/N Copper Bar/PE Copper Bar L/N/PE	
	5#BC100DE	INPUT	L/N/PE	STS250D	XT1/N Copper Bar/PE Copper Bar L/N/PE	
6	1#KAC50DP	DC-BUS		STS250D	XT2	PIN1/PIN3

No	From			To		
	2#KAC50DP	DC-BUS		STS250D	XT2	PIN5/PIN7
	3#KAC50DP	DC-BUS		STS250D	Xt2	PIN9/PIN11
	4#KAC50DP	DC-BUS		STS250D	Xt2	PIN13/PIN15
	5#KAC50DP	DC-BUS		STS250D	Xt2	PIN17/PIN19
7	1#PCS05	COM		1#BC100DE	TERMINAL BLOCK	PIN1/PIN2
	2#KAC50DP	COM		2#BC100DE	TERMINAL BLOCK	PIN1/PIN2
	3#KAC50DP	COM		3#BC100DE	TERMINAL BLOCK	PIN1/PIN2
	4#KAC50DP	COM		4#BC100DE	TERMINAL BLOCK	PIN1/PIN2
	5#KAC50DP	COM		5#BC100DE	TERMINAL BLOCK	PIN1/PIN2
8	METER	A/B		STS250D	Xt3	PIN6/PIN7
9	1#BC100DE	EXCHANGE		STS250D	SWITCH	BMS1
	2#BC100DE	EXCHANGE		STS250D	SWITCH	BMS2
	3#BC100DE	EXCHANGE		STS250D	SWITCH	BMS3
	4#BC100DE	EXCHANGE		STS250D	SWITCH	BMS4
	5#BC100DE	EXCHANGE		STS250D	SWITCH	BMS5
10	1#KAC50DP	PARA		STS250D	X04	J4
	2#KAC50DP	PARA		STS250D	X04	J4
	3#KAC50DP	PARA		STS250D	X04	J4
	4#KAC50DP	PARA		STS250D	X04	J4
	5#KAC50DP	PARA		STS250D	X04	J4
11	STS250D	PCS1		PCS1	AC	
	STS250D	PCS2		PCS2	AC	
	STS250D	PCS3		PCS3	AC	
	STS250D	PCS4		PCS4	AC	
	STS250D	PCS5		PCS5	AC	
12	STS250D	LOAD		LOAD		
13	STS250D	GRID		GRID		
14	STS250D	DG		DG		
15	STS250D	XT3	PIN13/PIN14	DG	START	
26	2#BC100DE	BAT2	P+	1#BC100DE	BAT2	P+

No	From			To		
27	2#BC100DE	BAT2	P-	1#BC100DE	BAT2	P-
28	2#BC100DE	BAT1	P+	1#BC100DE	BAT1	P+
29	2#BC100DE	BAT1	P-	1#BC100DE	BAT1	P-
	4#BC100DE	BAT2	P+	3#BC100DE	BAT2	P+
	4#BC100DE	BAT2	P-	3#BC100DE	BAT2	P-
	4#BC100DE	BAT1	P+	3#BC100DE	BAT1	P+
	4#BC100DE	BAT1	P-	3#BC100DE	BAT1	P-
	6#BC100DE	BAT2	P+	5#BC100DE	BAT2	P+
	6#BC100DE	BAT2	P-	5#BC100DE	BAT2	P-
	6#BC100DE	BAT1	P+	5#BC100DE	BAT1	P+
	6#BC100DE	BAT1	P-	5#BC100DE	BAT1	P-
	8#BC100DE	BAT2	P+	7#BC100DE	BAT2	P+
	8#BC100DE	BAT2	P-	7#BC100DE	BAT2	P-
	8#BC100DE	BAT1	P+	7#BC100DE	BAT1	P+
	8#BC100DE	BAT1	P-	7#BC100DE	BAT1	P-
	10#BC100DE	BAT2	P+	9#BC100DE	BAT2	P+
	10#BC100DE	BAT2	P-	9#BC100DE	BAT2	P-
	10#BC100DE	BAT1	P+	9#BC100DE	BAT1	P+
	10#BC100DE	BAT1	P-	9#BC100DE	BAT1	P-
30	2#BC100DE	INPUT	L/N/PE	1#BC100DE	INPUT	L/N/PE
	4#BC100DE	INPUT	L/N/PE	3#BC100DE	INPUT	L/N/PE
	6#BC100DE	INPUT	L/N/PE	5#BC100DE	INPUT	L/N/PE
	8#BC100DE	INPUT	L/N/PE	7#BC100DE	INPUT	L/N/PE
	10#BC100DE	INPUT	L/N/PE	9#BC100DE	INPUT	L/N/PE
31	2#BC100DE	BAT1	COM2	1#BC100DE	BAT2	COM2
	4#BC100DE	BAT1	COM2	3#BC100DE	BAT2	COM2
	6#BC100DE	BAT1	COM2	5#BC100DE	BAT2	COM2
	8#BC100DE	BAT1	COM2	7#BC100DE	BAT2	COM2
	10#BC100DE	BAT1	COM2	9#BC100DE	BAT2	COM2