




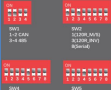

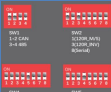
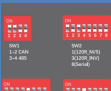
## CFE 5100/5100S/2400 Inverter Connection Instruction

No	Inverter Brand	Inverter type	Protocal type	Batt DIP settings	DIP Pics	Inverter Batt settings	Remark	Video Link
1		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		CFE	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/483.html">https://www.cfenergygroup.com/video/483.html</a>
2		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		General	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/482.html">https://www.cfenergygroup.com/video/482.html</a>
3		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		Lithium	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/485.html">https://www.cfenergygroup.com/video/485.html</a>
4		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		CFE	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/495.html">https://www.cfenergygroup.com/video/495.html</a>
5		Low Voltage	CAN	SW:1&2 up SW4(CANL): 5up SW5(CANH): 4up		2	Old luxpower (red switch) SW4(CANL): 3up SW5(CANH): 4up	<a href="https://www.cfenergygroup.com/video/494.html">https://www.cfenergygroup.com/video/494.html</a>
6		Low Voltage	RS485	SW1: 3&4 up SW4(485B): 3up SW5(485A): 5up		LIB	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/493.html">https://www.cfenergygroup.com/video/493.html</a>
7		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		Lithium	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/496.html">https://www.cfenergygroup.com/video/496.html</a>
8		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		Li L52	Please upgarde the inverter and battery frimware to the latest	/
9		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		CFE	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/494.html">https://www.cfenergygroup.com/video/494.html</a>
10		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		Lithium	Please upgarde the inverter and battery frimware to the latest	/
11		Low Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		CFE	Please upgarde the inverter and battery frimware to the latest	/
12		Low Voltage	RS485	SW1: 3&4 up SW4 (485B): 8up SW5 (485A) :7up		WOW	Please contact technical support to upgrade the battery to SRNE version	/
13		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		Lithium	Please upgarde the inverter and battery frimware to the latest	/
14		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		CFE	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/497.html">https://www.cfenergygroup.com/video/497.html</a>
15		Low Voltage	CAN	SW1: 1&2 up SW4 (CANL): 7up SW5 (CANH) :8up		Pylon	Please upgarde the inverter and battery frimware to the latest	/
16		Low Voltage	CAN	SW1: 1&2 up SW4 (CANL): 8up SW5 (CANH) :7up		Cerbo GX BMS	Please use Victron BMS cable and upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/526.html">cfenergygroup.com/video/526.html</a>
17		Low Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		Lithium	Please upgarde the inverter and battery frimware to the latest	/
18		Low Voltage High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		Default Non Standard	Please upgarde the inverter and battery frimware to the latest	<a href="https://www.cfenergygroup.com/video/525.html">https://www.cfenergygroup.com/video/525.html</a>

Note: 1. Please follow the Internal communication settings table to set SW2&SW3

2. Please change the DIPs only when the battery is turned off


























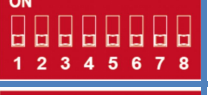


















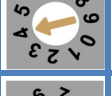






## CFE 5100/5100S/2400 Inverter Connection Instruction

No	Inverter Brand	Inverter type	Protocol type	Batt DIP settings	DIP Pics	Inverter Batt settings	Remark	Video Link
19	 科耀能源 KOYOE	High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		CFE	Please upgrade the inverter and battery firmware to the latest	
20	 SOLARTEQ	High Voltage	CAN	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		CFE	Please upgrade the inverter and battery firmware to the latest	
21	User-define Mode (Voltage Control)	Low Voltage	\	SW1: 1&2 up SW4(CANL): 5up SW5(CANH): 4up		User Define	charge voltage 53.8V float charge 53.6V cut off 48V equalization voltage 53.8V charging current 60A per battery discharge current 60A per battery	/




































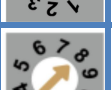














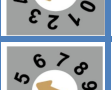
**Note:** 1. Please follow the Internal communication settings table to set SW2&SW3

2. Please change the DIPs only when the battery is turned off






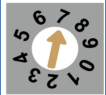



























## CFE-5100/5100S/2400 M/S Communication Settings

Battery QTY	M/S	SW2 Setting		SW3 Setting			
		Series connection	Parallel connection				
1	—		13		13		1
2	Master		138		13		2
	Slave		18		1		1
3	Master		138		13		3
	Slave 1		8		0		1
	Slave 2		18		1		2
4	Master		138		13		4
	Slave 1		8		0		1
	Slave 2		8		0		2
	Slave 3		18		1		3
5	Master		138		13		5
	Slave 1		8		0		1
	Slave 2		8		0		2
	Slave 3		8		0		3
	Slave 4		18		1		4
6	Master		138		13		6
	Slave 1		8		0		1

## CFE-5100/5100S/2400 M/S Communication Settings

Battery QTY	M/S	SW2 Setting				SW3 Setting	
		Series connection		Parallel connection			
		ON	OFF	ON	OFF		
6	Slave 2		8		0		2
	Slave 3		8		0		3
	Slave 4		8		0		4
	Slave 5		18		1		5
7	Master		138		13		7
	Slave 1		8		0		1
	Slave 2		8		0		2
	Slave 3		8		0		3
	Slave 4		8		0		4
	Slave 5		8		0		5
	Slave 6		8		1		6
8	Master		138		13		8
	Slave 1		8		0		1
	Slave 2		8		0		2
	Slave 3		8		0		3
9	Slave 4		8		0		4
	Slave 5		8		0		5

## CFE-5100/5100S/2400 M/S Communication Settings

Battery QTY	M/S	SW2 Setting			SW3 Setting		
		Series connection	Parallel connection				
0	Slave 6	ON 	8	ON 	0		6
	Slave 7	ON 	18	ON 	1		7
9	Master	ON 	138	ON 	13		9
	Slave 1	ON 	8	ON 	0		1
	Slave 2	ON 	8	ON 	0		2
	Slave 3	ON 	8	ON 	0		3
	Slave 4	ON 	8	ON 	0		4
	Slave 5	ON 	8	ON 	0		5
	Slave 6	ON 	8	ON 	0		6
	Slave 7	ON 	8	ON 	0		7
	Slave 8	ON 	18	ON 	1		8

For further updates, please check: [CFEnergygroup.com](http://CFEnergygroup.com)