



Inverter Matching Guide

Applicable to ZRGP battery models:

FC48100/Mate LV/X1

Mate HV/Pro HV



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Low voltage battery (FC48100/Mate_LV/X1)

1. ZRGP

Logo	
Inverter Dial Code	1
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

2. Studer_Xtender

Logo	
Inverter Dial Code	2
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin1-CANH, pin2CANL)	

3. Sofar_LV

Logo	
Inverter Dial Code	3
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin1-CANH, pin2CANL)	



4. Solis_LV

Logo	
Inverter Dial Code	4
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

5. Goodwe_LV

Logo	
Inverter Dial Code	5
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

6. Victron_color control

Logo	
Inverter Dial Code	6
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin7-CANH, pin8-CANL)	



7. SMA_LV

Logo	
Inverter Dial Code	7
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

8. Sermatec_LV

Logo	
Inverter Dial Code	8
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

9. Growatt_SPF

Logo	
Inverter Dial Code	10
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin1-RS485-B, pin2-RS485-A)	



10.Schneider_Gateway

Logo	
Inverter Dial Code	12
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANL, pin5-CANH)	

11.SOL-ARK_LV

Logo	
Inverter Dial Code	13
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

12.Phocos-AnyGrid

Logo	
Inverter Dial Code	14
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin3-RS485-B, pin5-RS485-A)	

13.AFORE-LV



Logo	
Inverter Dial Code	15
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

14. Voltronic Power

Logo	
Inverter Dial Code	16
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin3-RS485-B, pin5-RS485-A)	

15. DEYE

Logo	
Inverter Dial Code	17
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	


16.Growatt_SPH

Logo	
Inverter Dial Code	18
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin1-RS485-B, pin2-RS485-A)	

17.SAJ

Logo	
Inverter Dial Code	21
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

18.Lux

Logo	
Inverter Dial Code	25
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	


19.GreenCell

Logo	
Inverter Dial Code	27
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin5-CANL, pin6-CANH)	

20.Must

Logo	
Inverter Dial Code	29
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

21.MEGAREVO-LV

Logo	
Inverter Dial Code	30
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	



22.Aiswei

Logo	
Inverter Dial Code	31
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin1-RS485-A, pin2-RS485-B)	



High voltage battery

(Pro HV/Mate HV)

1. Sofar-HV

Logo	
Inverter Dial Code	19
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

2. Solis-HV

Logo	
Inverter Dial Code	20
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin1-RS485-A, pin2-RS485-B)	

3. SMA-HV

Logo	
Inverter Dial Code	22
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	



4. Schneider-HV

Logo	
Inverter Dial Code	23
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

5. SolArk-HV

Logo	
Inverter Dial Code	33
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

6. ATESS-HV

Logo	
Inverter Dial Code	34
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

7. Goodwe-HV



Logo	
Inverter Dial Code	35
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

8. Sermatec-HV

Logo	
Inverter Dial Code	36
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

9. Invt-HV

Logo	
Inverter Dial Code	38
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

10. Thinkpower-HV



Logo	
Inverter Dial Code	39
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin4-RS485-B, pin3-RS485-A)	

11. KOYOE-HV

Logo	
Inverter Dial Code	40
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	

12. Deye-HV

Logo	
Inverter Dial Code	41
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	



13. Growatt-HV

Logo	
Inverter Dial Code	42
Inverter Dial Switch Position	
Protocol Type	RS485
Dip mode of a linear converter box (pin1-RS485-B, pin2-RS485-A)	

14. MEGAREVO

Logo	
Inverter Dial Code	45
Inverter Dial Switch Position	
Protocol Type	CAN
Dip mode of a linear converter box (pin4-CANH, pin5-CANL)	