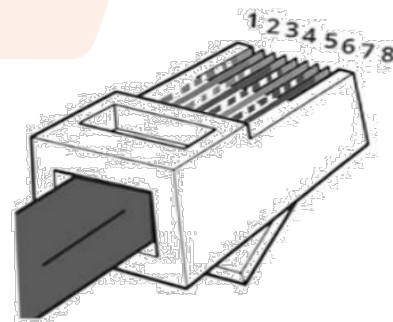


Kommunikationsanleitung für Felicity Batterie and Deye Wechselrichter

CAN Matched Hybrid Inverter Brands			
Marke	Modell	Kommunikationsprotokoll	Zuleitungskabel
Deye	SUN-3 / 3.6 / 5 / 6 K-SG04LP1- EU.	CAN	RJ45
	SUN-3.6 / 5 / 6 K-SG03LP1-EU.		
	SUN-3.6 / 5 / 6 / 7.6 / 8 K SG05LP1-EU.		
	SUN-5 / 6 K-SG01LP1-US.		
	SUN-7.6 / 8 K-SG01LP1-US/EU.		
	SUN-5 / 6 / 8 / 10 / 12 K SG04LP3-EU.		
	SUN-12 / 14 / 16 K-SG01LP1-EU.		

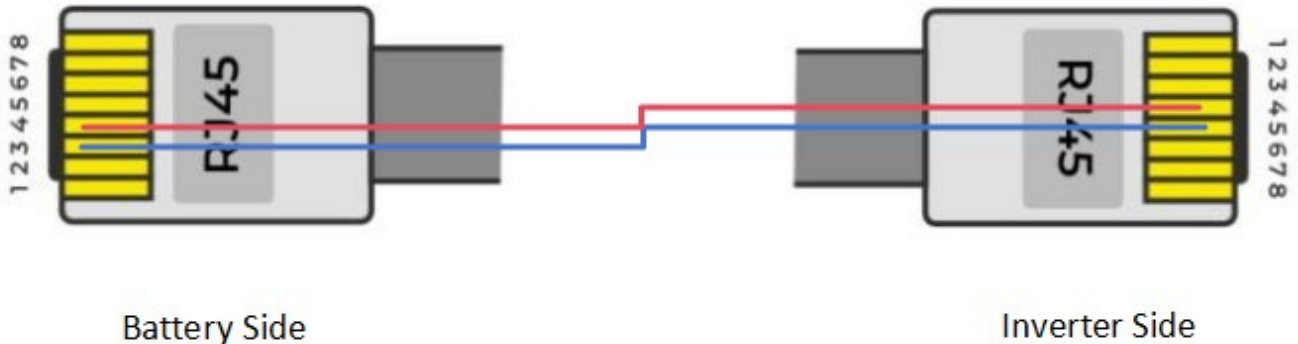
(1) In der folgenden Tabelle werden die entsprechende Kommunikation Pins definiert. Sie können Kommunikationskabel gemäß der Tabelle erstellen.

	FelicityESS	Deye
CAN_L	Pin3	Pin5
CAN_H	Pin4	Pin4



(Anordnung des Kommunikationskabels)

(RJ45 Pin Sequenz)



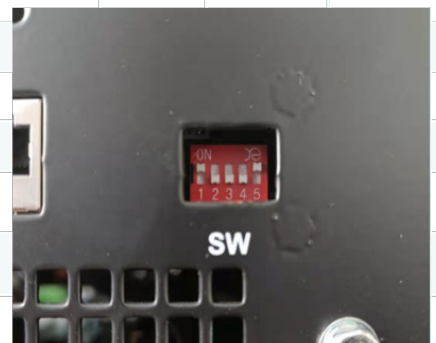
(Verbindung des CAN Kommunikationskabels)

(2) Stellen Sie den DIP-Schalter der Batterie gemäß der nachstehenden Tabelle ein.

Parallel DIP Switch



No. of BAT	1	2	3	4	5	6	7	8	9	10	11	12
1 PCS	1,5 ON											
2 PCS	1,5 ON	2,5 ON										
3 PCS	1,5 ON	2 ON	1,2,5 ON									
4 PCS	1,5 ON	2 ON	1,2 ON	3,5 ON								
5 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3,5 ON							
6 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3, 5 ON						
7 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1,2,3,5 ON					
8 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4,5 ON				
9 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4,5 ON			
10 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4 ON	2,4,5 ON		
11 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4 ON	2,4 ON	1,2,4,5 ON	
12 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4 ON	2,4 ON	1,2,4 ON	3,4,5 ON



Note: The inverter needs to be connected to the first battery, that is, the battery pack with the 1,5 ON.

Hinweis: Die Einstellung wird erst nach einem Neustart des Akkus wirksam.

(3) Richten Sie den Wechselrichter gemäß den folgenden Anweisungen ein.

The screenshot shows the main system interface with a date and time of 05/28/2019 15:34:40. It features four power flow gauges: Solar (8.30 KW), Grid (-3.00 KW), Battery (25% SOC, -2.00 KW), and Home (3.00 KW). A central 'ON' button is present. A red box highlights a gear icon in the top right, with a red arrow labeled '1' pointing to it. To the right is the 'System Setup' menu with options: Battery Setting, System Work Mode, Grid Setting, Gen Port Use, Basic Setting, Advanced Function, and Device Info. A red arrow labeled '2' points to the 'Battery Setting' option.

The first screenshot shows the 'Battery Setting' screen with 'Lithium' selected under 'Batt Mode'. Other settings include Batt Capacity (400Ah), Max A Charge (40A), Max A Discharge (40A), and an 'Activate Battery' checkbox. A red box highlights the 'Lithium' option with a red arrow labeled '3'. A red arrow labeled '4' points to the 'Batt Mode' navigation buttons. The second screenshot shows the 'Lithium Mode' set to '00', Shutdown at 10%, Low Batt at 20%, and Restart at 40%. A red box highlights the '00' value with a red arrow labeled '5'. A red arrow labeled '6' points to the confirmation checkmark button.

(4) Nachdem Kommunikation erfolgreich ist, befolgen Sie die den nachstehenden Anweisungen, um die Informationen der Batterien zu schauen.

The screenshot shows the main interface with the Battery gauge highlighted by a red box and a red arrow labeled '1'. To the right is the 'Batt' status screen showing: Stand-by, SOC: 36%, U:50.50V, I:-58.02A, Power: -2930W, Temp:30.0C. A red arrow labeled '2' points to the 'Li-BMS' label in the bottom right corner of the 'Batt' screen.

The 'Li-BMS' screen displays detailed battery information:

Mean Voltage:50.34V	Charging Voltage :53.2V	Sum Data
Total Current:55.00A	Discharging Voltage :47.0V	
Mean Temp :23.5C	Charging current :50A	Details Data
Total SOC :38%	Discharging current :25A	
Dump Energy:57Ah		



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