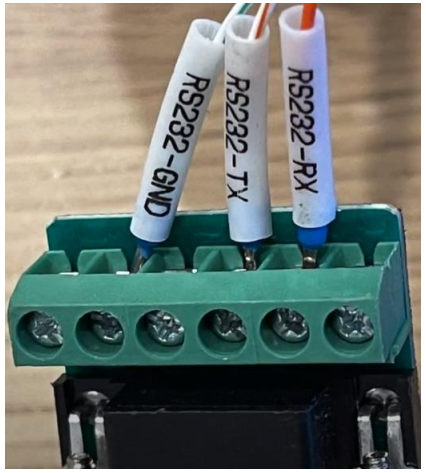
CONNECTION CABLES
And ACCESSORIES

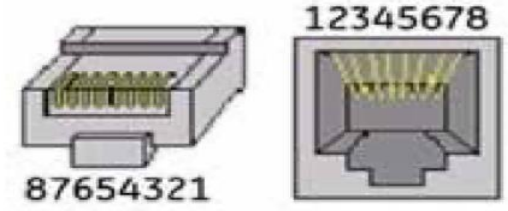
PIN OUT FOR 4K4, 4K4 PRO and 5K3

PC MONITOR 232 / USB PC CONNECTION

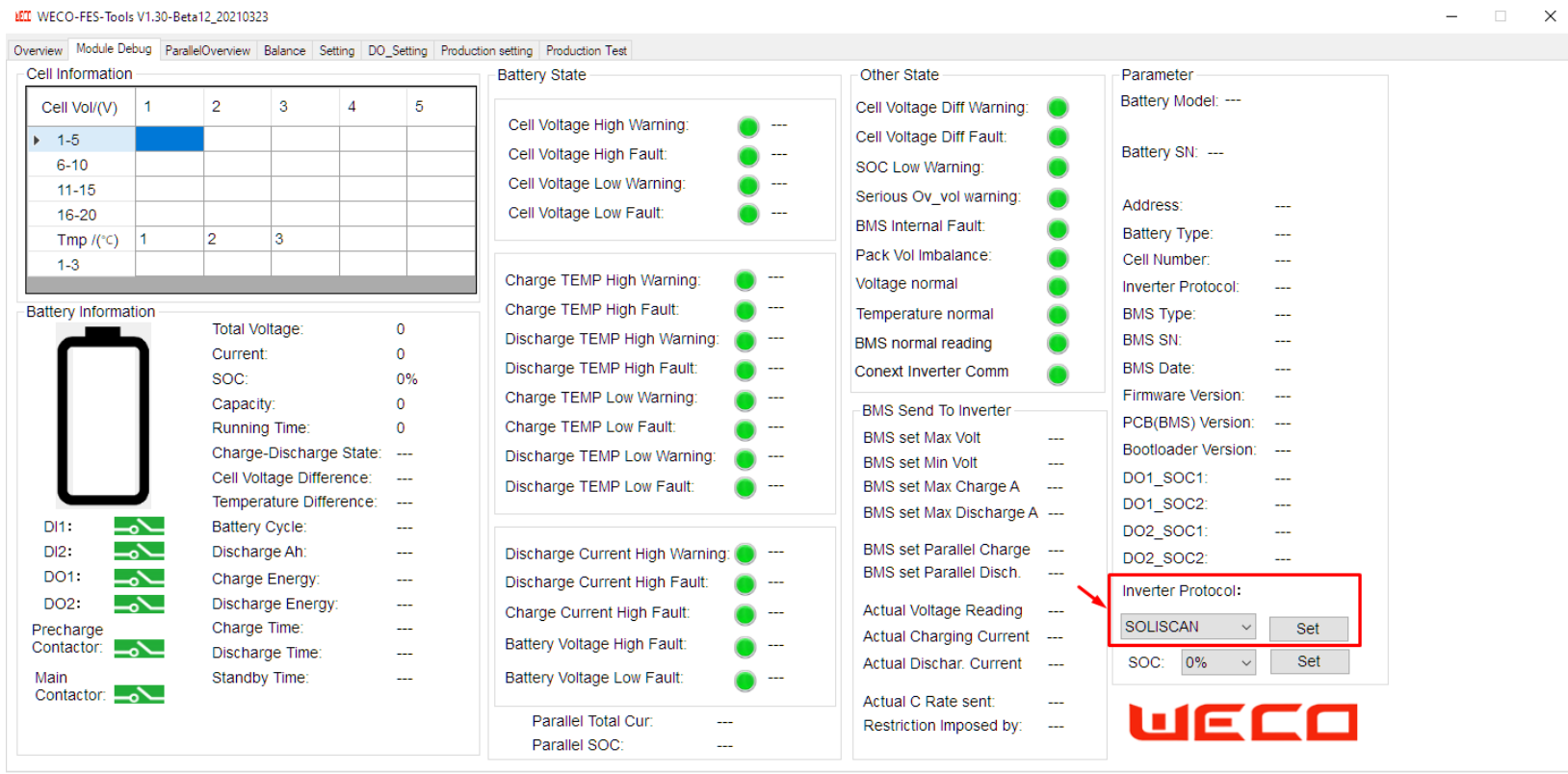
Screw Terminal Side	Cable 232 / RJ45
PIN1	-
PIN 2 T/R-	RX
PIN 3 RXD+	TX
PIN 4	-
PIN 5	GND
PIN 6	-



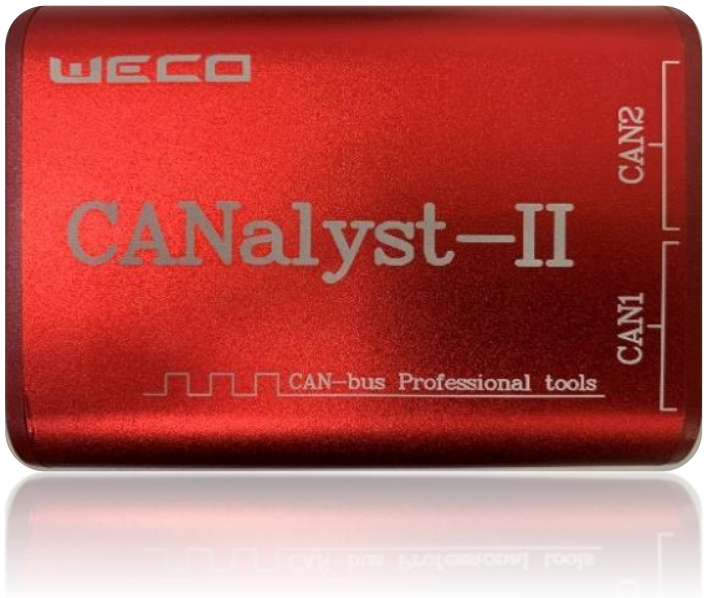
RJ 45 TO WIRE - PIN DEFINITION-
PIN 01 = TX
PIN 02 = RX
PIN 03 = GND
PIN 04 = none
PIN 05 = none
PIN 06 = none
PIN 07 = none
PIN 08 = none

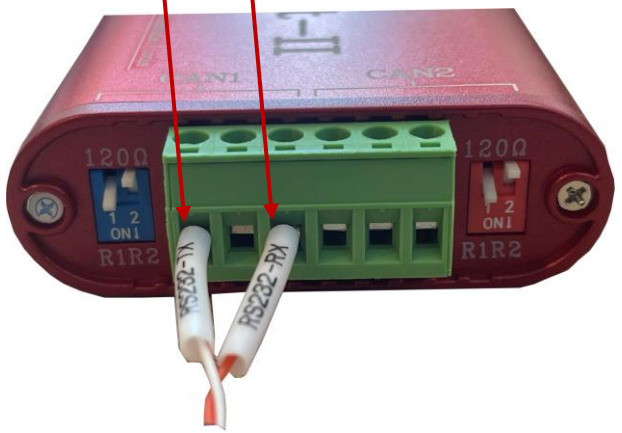


WeCo Monitor, PROTOCOL SETTING PAGE



CAN to USB WeCo Converter PIN DEFINITION





INVERTER PIN OUT

ZCS AZZURRO SINGLE PHASE SERIES

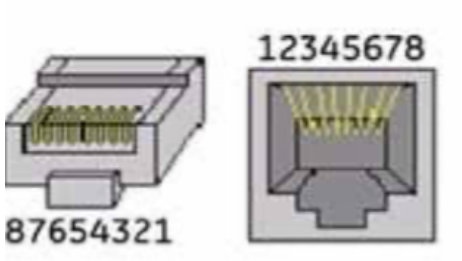
RJ 45 SIDE **RJ9 SIDE**

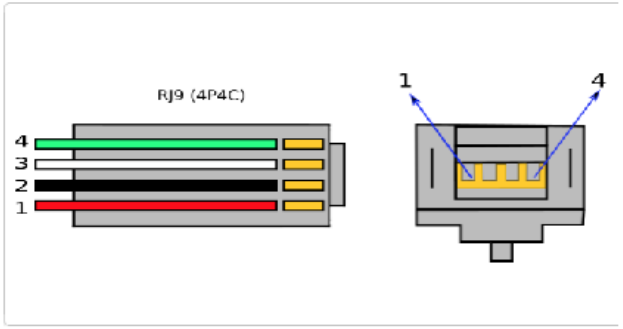
PIN 01 =----------PIN 01 ---CAN H

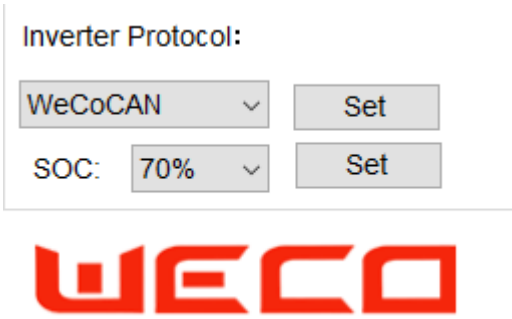
PIN 02 = ----------PIN 02 ---CAN L

PIN 03 = ----------PIN 03 ---GND

PIN 04 TO 8= none



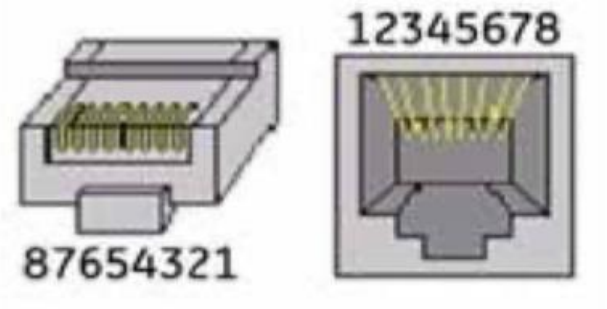


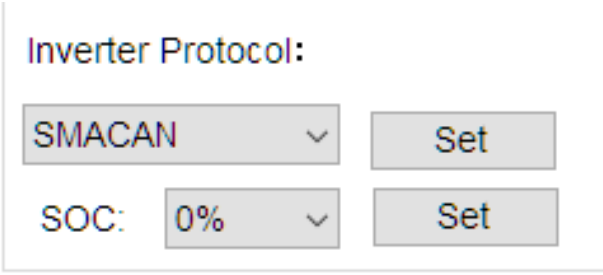


SMA SUNNY ISLAND SINGLE PHASE INVERTER

BATTERY SIDE

Terminal	Inverter Side RJ45	Battery Side RJ45
CAN L	4	PIN 2
CAN H	5	PIN 1
GND	-	PIN 3

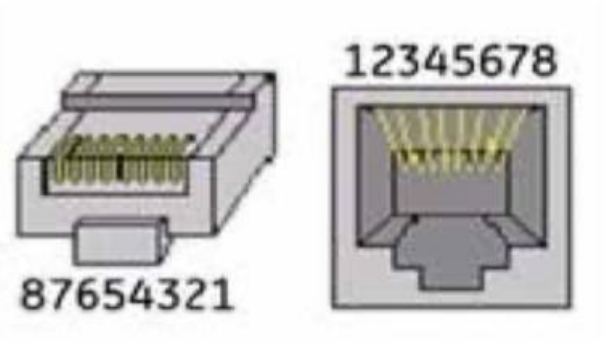


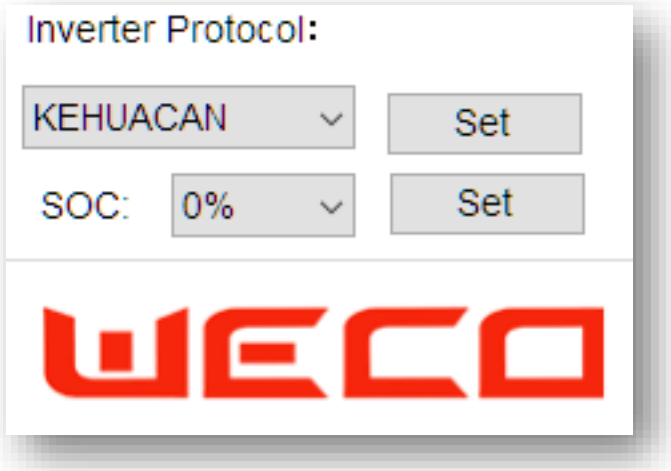


KEHUA SPH SINGLE PHASE INVERTER

BATTERY SIDE **INVERTER SIDE**

PIN 01 =----------PIN 01 ---CAN H
PIN 02 = ----------PIN 02 ---CAN L
PIN 03 TO 8= none





BMS-RJ45-GROWA-SPH

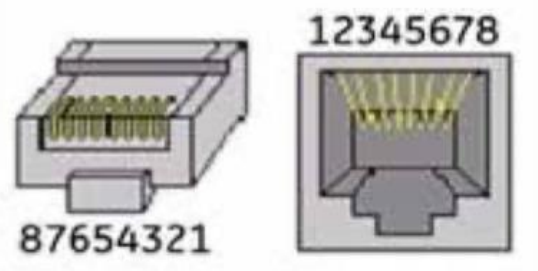
BATTERY SIDE **INVERTER SIDE**

PIN 01 =----------PIN 04 ---CAN H

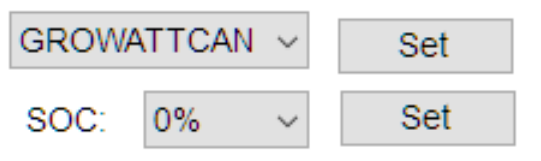
PIN 02 = ----------PIN 05 ---CAN L

PIN 03 = ----------PIN 02 --- GND

PIN 06 TO 08= none

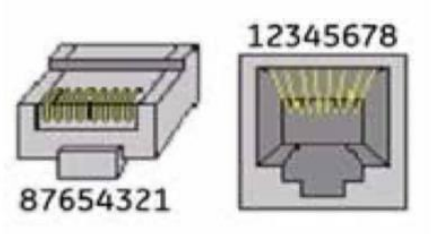


WeCo Monitor PC Software

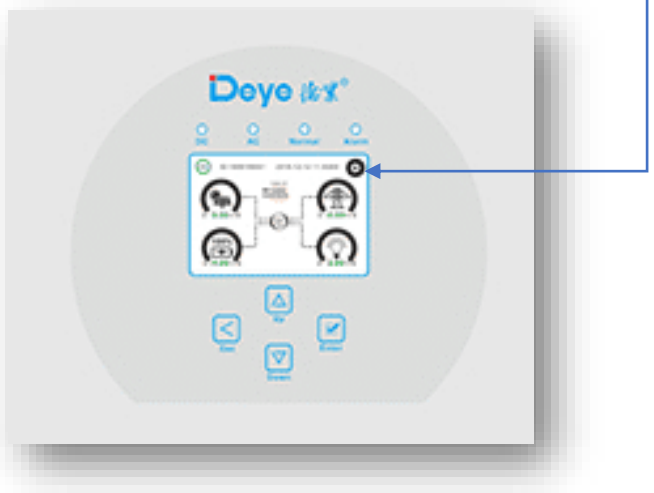


DEYE HYBRID BMS / CAN PIN OUT

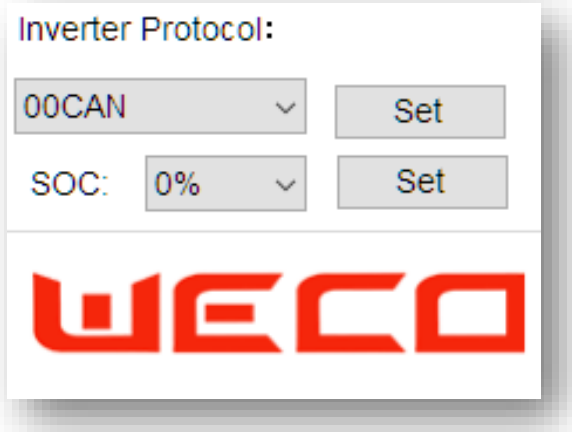
Terminal	Inverter Side RJ45	Battery Side RJ45
GND	PIN 2	PIN 3
CAN- L	PIN 5	PIN 2
CAN -H-	PIN 4	PIN1



FROM DEYE LCD SELECT – CAN 00



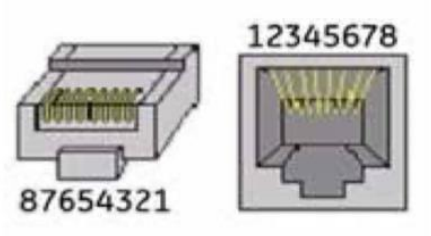
From WeCo Monitor Software



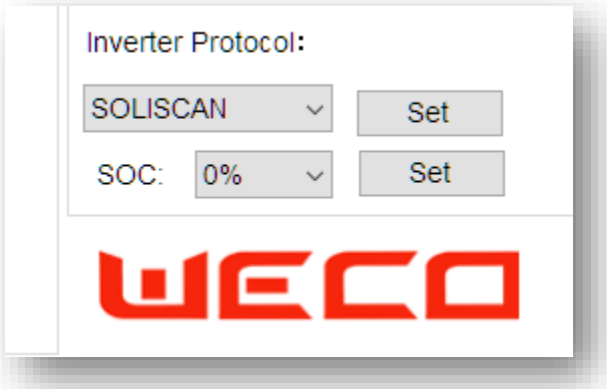
FROM SOLIS RHI SELECT – WECO BATTERY

SOLIS RHI BMS / CAN PIN OUT

Terminal	Inverter Side RJ45	Battery Side RJ45
GND	PIN 2	PIN 3
CAN- L	PIN 5	PIN 2
CAN -H-	PIN 4	PIN1



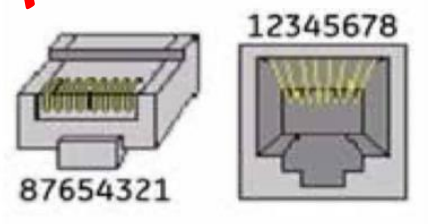
From WeCo Monitor Software

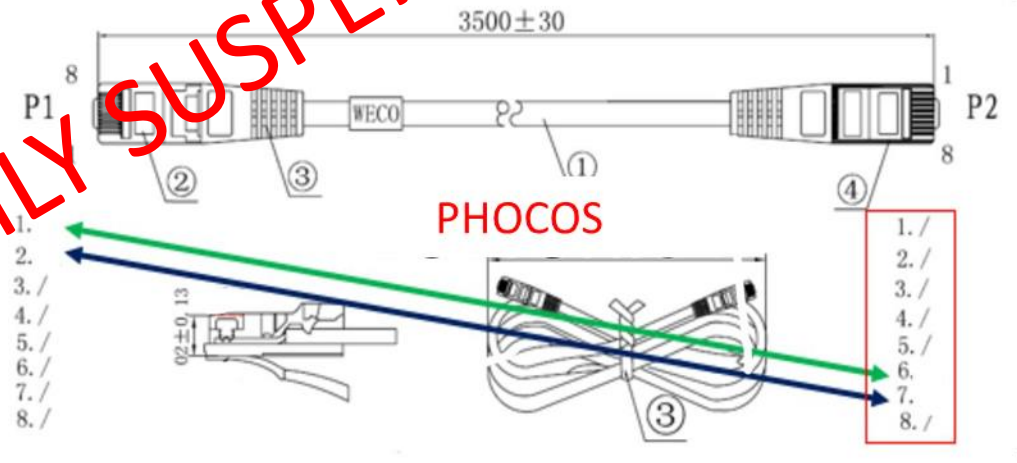


SELECT UEC from PHOCOS LCD MENU
* Battery Selection

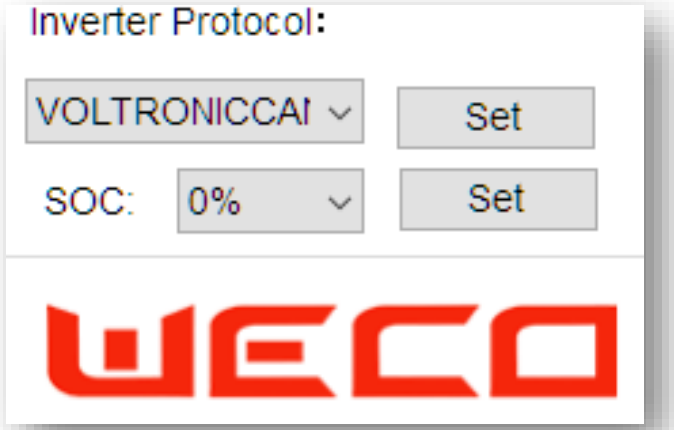
PHOCOS ANY GRID PSW CAN PIN OUT

Terminal	Inverter Side RJ45	Battery Side RJ45
GND	-	-
CAN- L	PIN 7	PIN 2
CAN -H-	PIN 6	PIN1





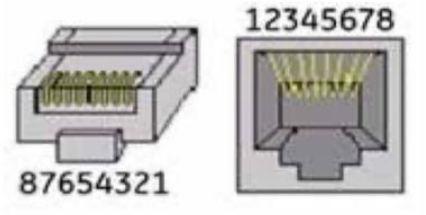
From WeCo Monitor Software

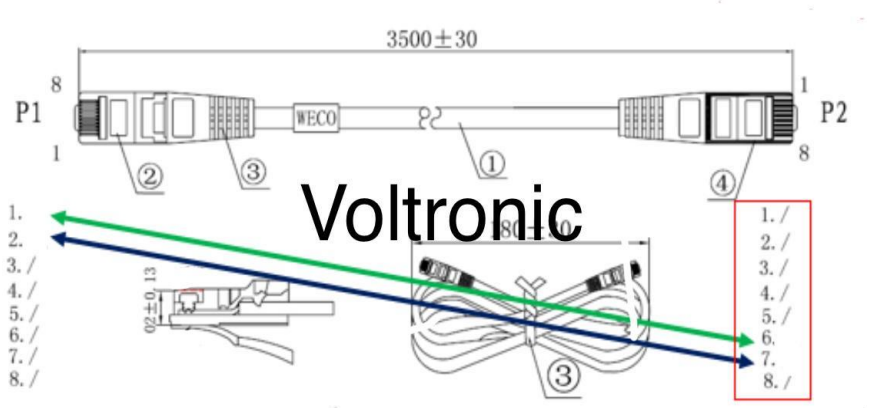


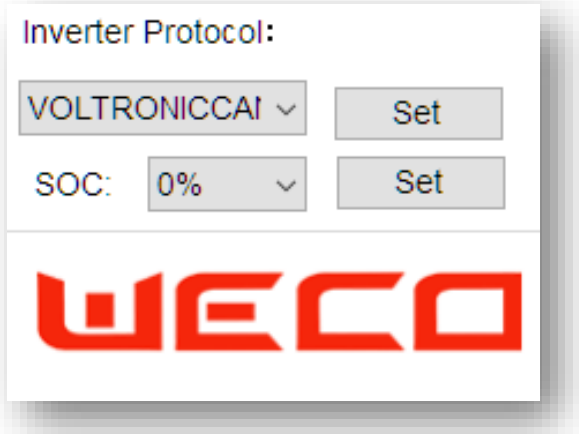
COMPATIBILITY TEMPORARILY SUSPENDED

VOLTRONIC COLOR CONTROL CAN PIN OUT

Terminal	Inverter Side RJ45	Battery Side RJ45
GND	-	-
CAN- L	PIN 7	PIN 2
CAN -H-	PIN 6	PIN1



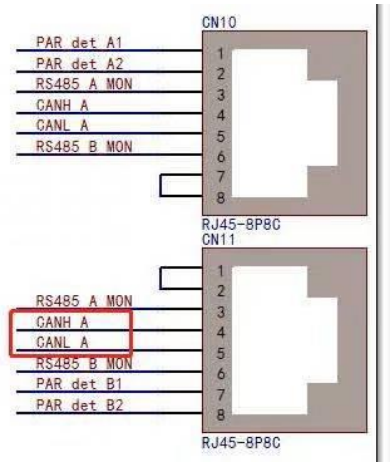




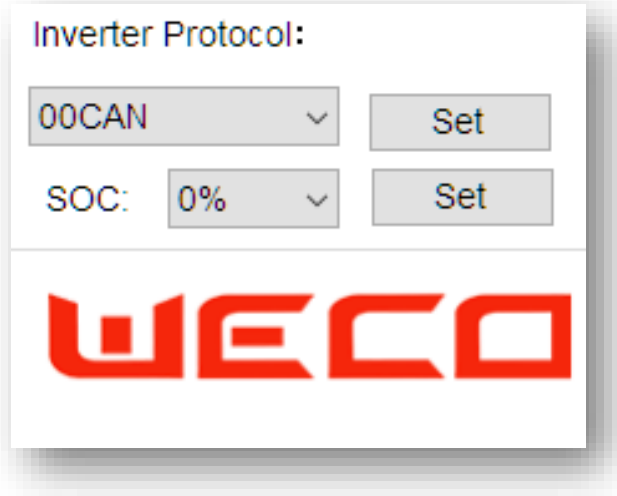
PURSUIT OF PERFECTION

TBB CAN PIN OUT AND PROTOCOL SELECTION

Terminal	Battery Side RJ45	TBB TERMINAL
GND	PIN3	--
CAN- L	PIN 2	PIN 5
CAN -H-	PIN1	PIN 4

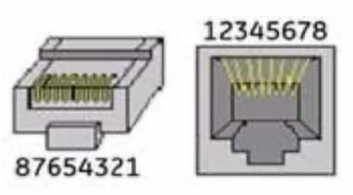


From WeCo Monitor Software

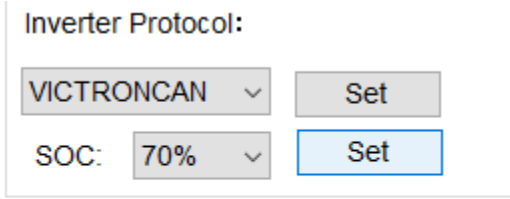


VICTRON COLOR CONTROL CAN PIN OUT

Terminal	Inverter Side RJ45	Battery Side RJ45
GND	PIN 3	PIN3
CAN- L	PIN 8	PIN 2
CAN -H-	PIN 7	PIN1

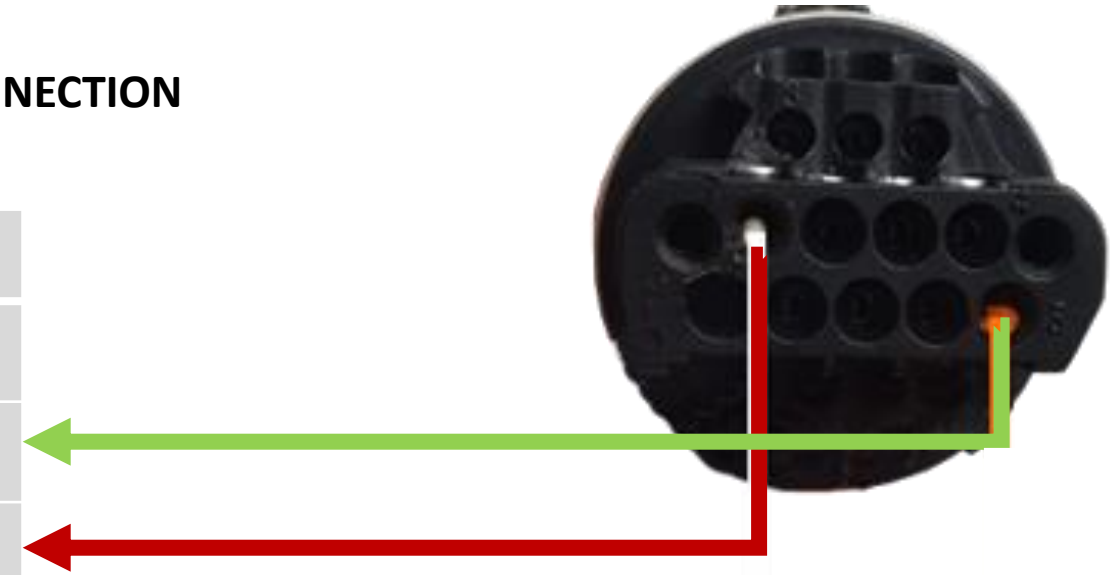


BATTERY PROTOCOL SET: **VICTRON CAN**

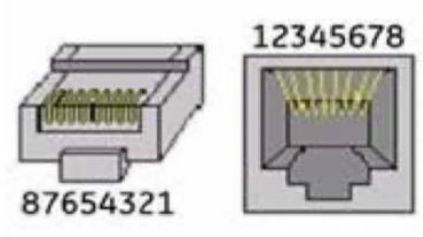


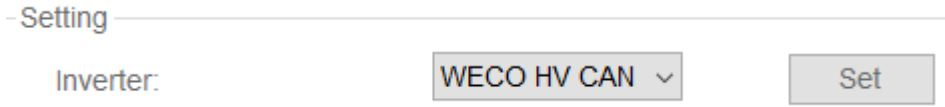
AZURRO ZCS HYD HIGH VOLTAGE THREEPHASE CAN CONNECTION

Terminal	Battery Side RJ45	ZCS Terminal
GND	PIN3	--
CAN- L	PIN 2	PIN 8
CAN -H-	PIN1	PIN 7



HV BOX PROTOCOL SET: **WECOCAN**





SOLIS HYBRID HIGH VOLTAGE CAN CONNECTION

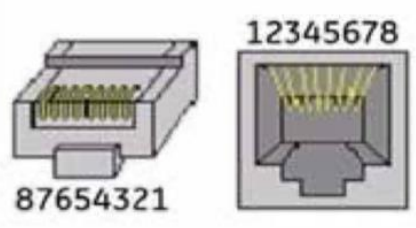
Terminal	Battery Side RJ45	Solis RJ 45 side
GND	PIN3	--
CAN- L	PIN 2	PIN 5
CAN -H-	PIN1	PIN 4

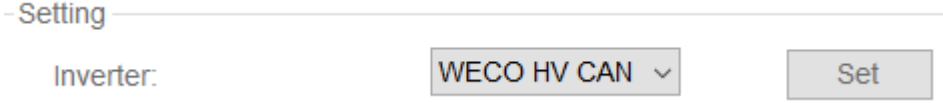
INVERTER LCD SETTING:

Battery Selection→ WECO

HV BOX PROTOCOL SETTING:

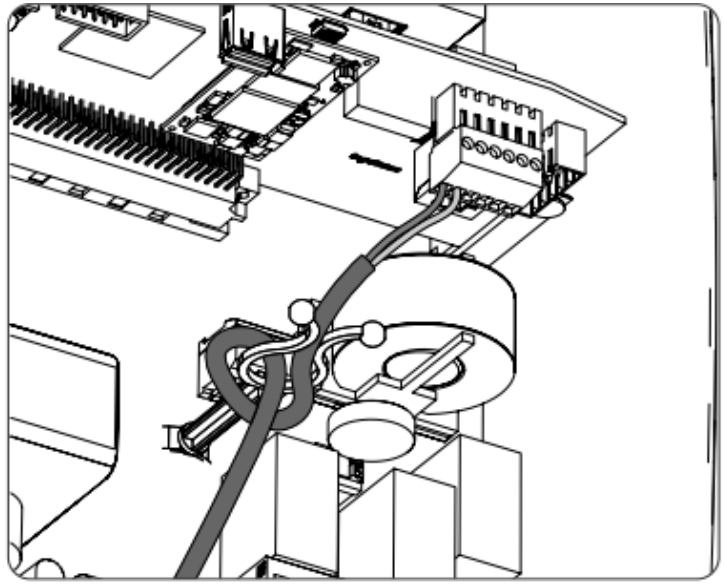
Default Protocol→WECO CAN





SINGLE PHASE LOW VOLTAGE CONFIGURATION

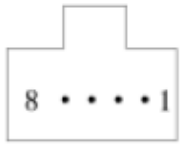
LOW VOLTAGE CONFIGURATION WITH 5K3



Connect in the HV BOX the CAN Cable in CAN2-A connector.

Cut one extreme and connect to the inverter as is specified in the following table:

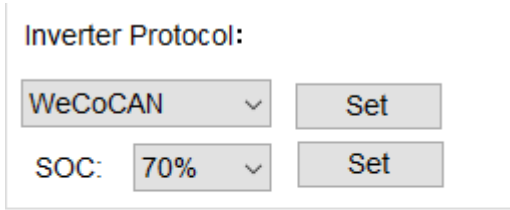
Attention: Interface E: RJ45 port corresponding to the CAN bus pin definition



Pin	8	7	6	5	4	3	2	1
Definition						GND	CAN_L	CAN_H

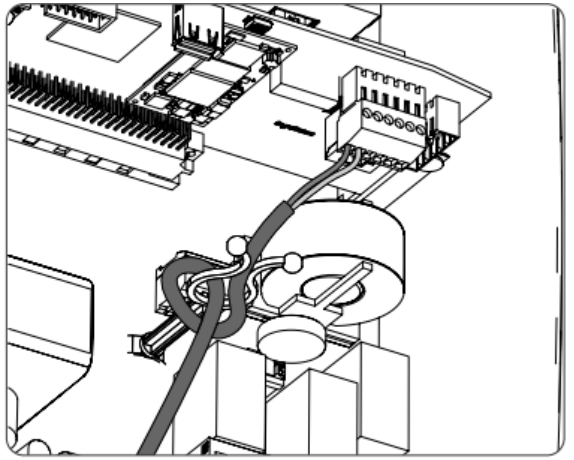
Ethernet Cable	INGECON SUN STORAGE 1PLAY TL M	HV BOX
Pin 1	J8 BMS CAN_H	RJ45 CAN2-A
Pin 2	J8 BMS CAN_L	RJ45 CAN2-A

BATTERY PROTOCOL SET: **WECOCAN**



SINGLE PHASE HIGH VOLTAGE CONFIGURATION

HIGH VOLTAGE CONFIGURATION WITH HV BOX_GEN2



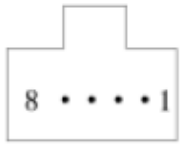
Setting

Inverter: INGE HV CAN Set

Connect in the HV BOX the CAN Cable in CAN2-A connector.

Cut one extreme and connect to the inverter as is specified in the following table:

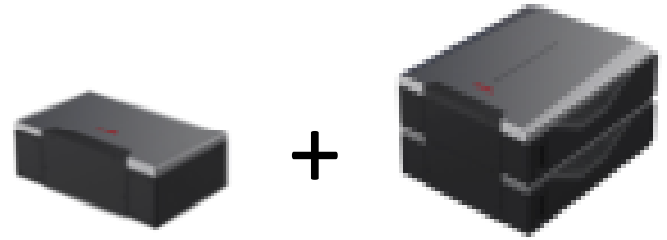
Attention: Interface E: RJ45 port corresponding to the CAN bus pin definition



Pin	8	7	6	5	4	3	2	1
Definition						GND	CAN L	CAN H

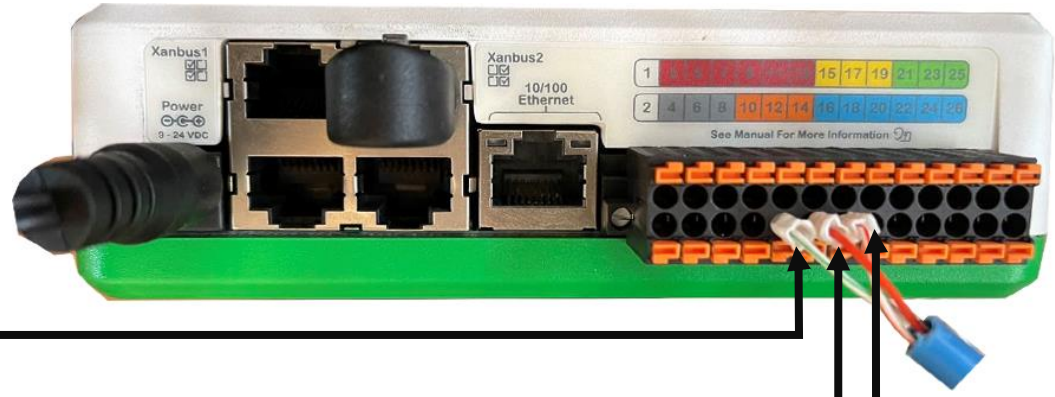
Ethernet Cable	INGECON SUN STORAGE 1PLAY TL M	HV BOX
Pin 1	J8 BMS CAN_H	RJ45 CAN2-A
Pin 2	J8 BMS CAN_L	RJ45 CAN2-A

HV BOX PROTOCOL SET: **INGE HV CAN**

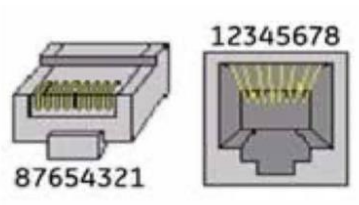


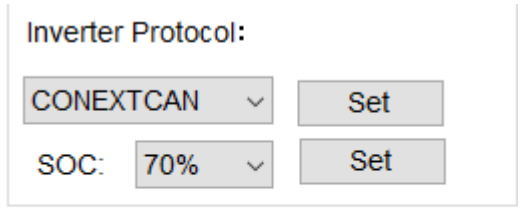
HV-BOX_GEN2 **MINIMUM 2x5K3 LV/HV**

SCHNEIDER XW PRO



Terminal	Battery Side RJ45	Schneider Gateway
GND	PIN3	10
CAN- L	PIN 2	12
CAN -H-	PIN1	14

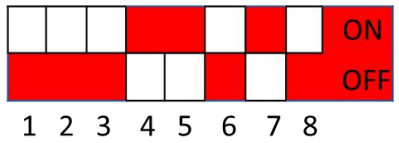




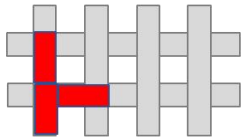
STUDER INNOTEC EXTENDER

Remove the back cover loosing the two screws on the back side

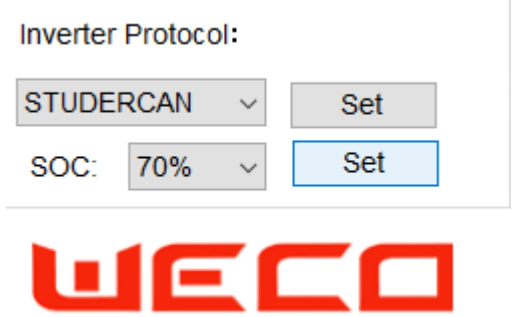
From the original position of the DIP switch move it as shown in the picture

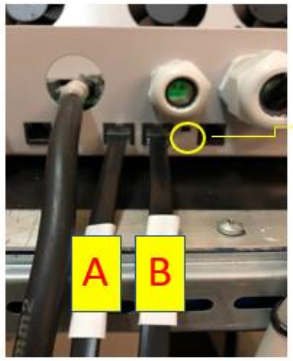


Jumper position as per below scheme (3 are used on a total of 4 jumpers kit)



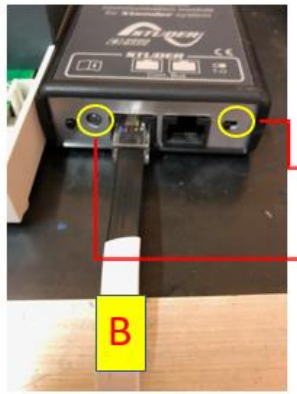
Extra





Extender Bottom Side
A- CAN port 1 of the Inverter RJ45 Port
B- CAN port 2 of the inverter RG45 Port

Termination Switch> Right side (2 ports)



X-Com Bus Side
B- CAN port 1 of the inverter RG45 Port
@ Port 2 Empty

Termination Switch> Right side

LED GREEN
Make sure the LED blink 2 times- Interval
If Blink Green + RED check the connection Again, the dialog is not correct.
If the LED is RED the connection is wrong