PYLON TECH Kodak and Pylontech User Guide

Contents

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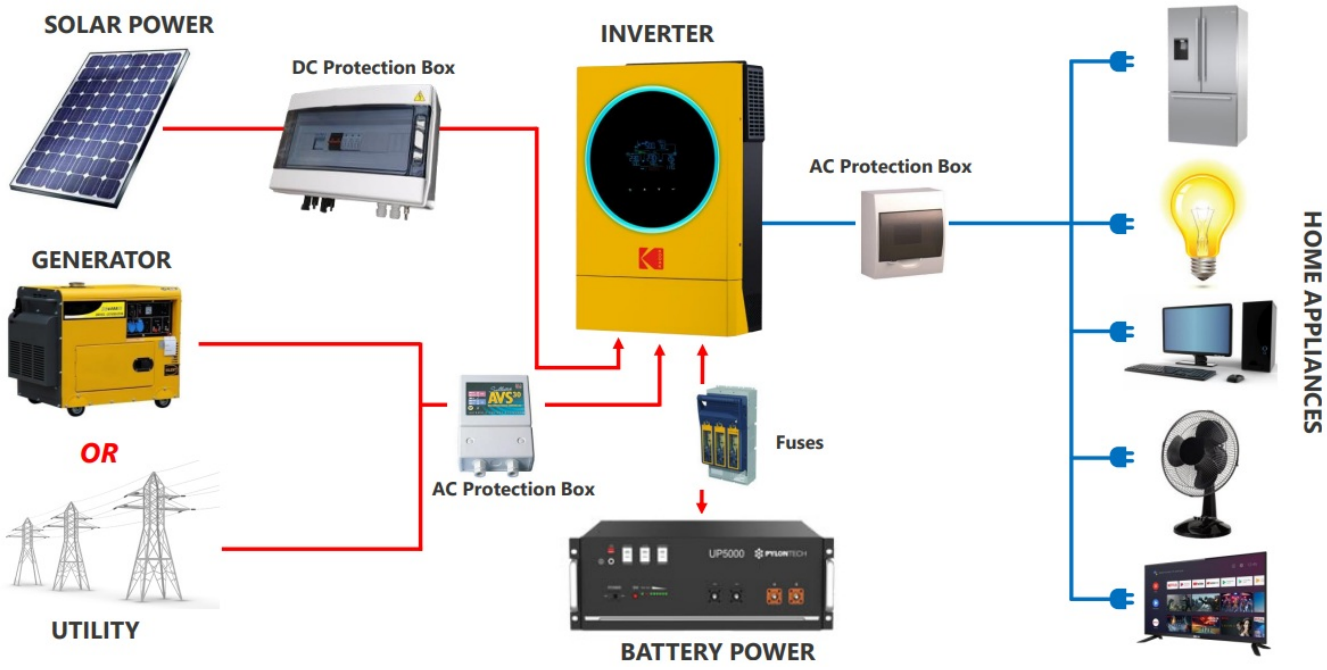
WIRING EXAMPLE



BMS Communication Setup

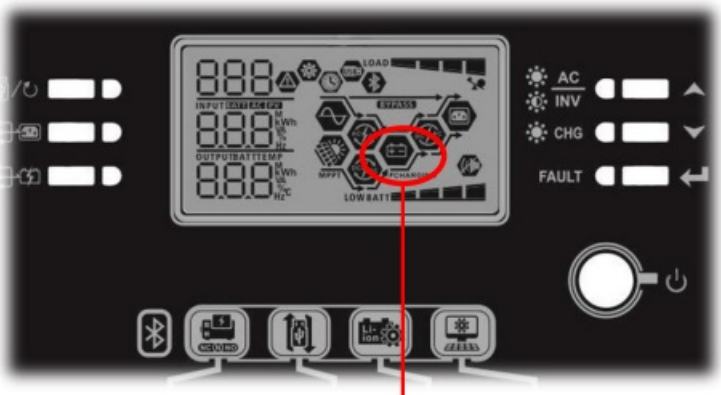
Dipswitch Settings:

Dip1	Dip2	Dip3	Dip4	The corresponding position of switch	Status
0	0	0	0		RS485:115200 CAN terminal resistance: connected
1	0	0	0		RS485:9600 CAN terminal resistance: connected

Applicable to RS485 communication with all Kodak inverters

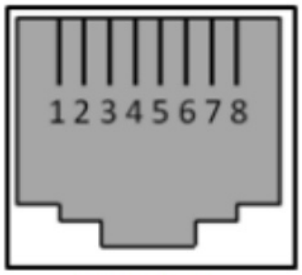
Dipswitch “1” set to “ON” position

NB: Newer Pylontech models (US2000C, US3000C, UP5000) appear upside, set as shown in image



Battery icon flashing indicates : Successful BMS communication

BMS Communication pinouts:



RJ45 Port

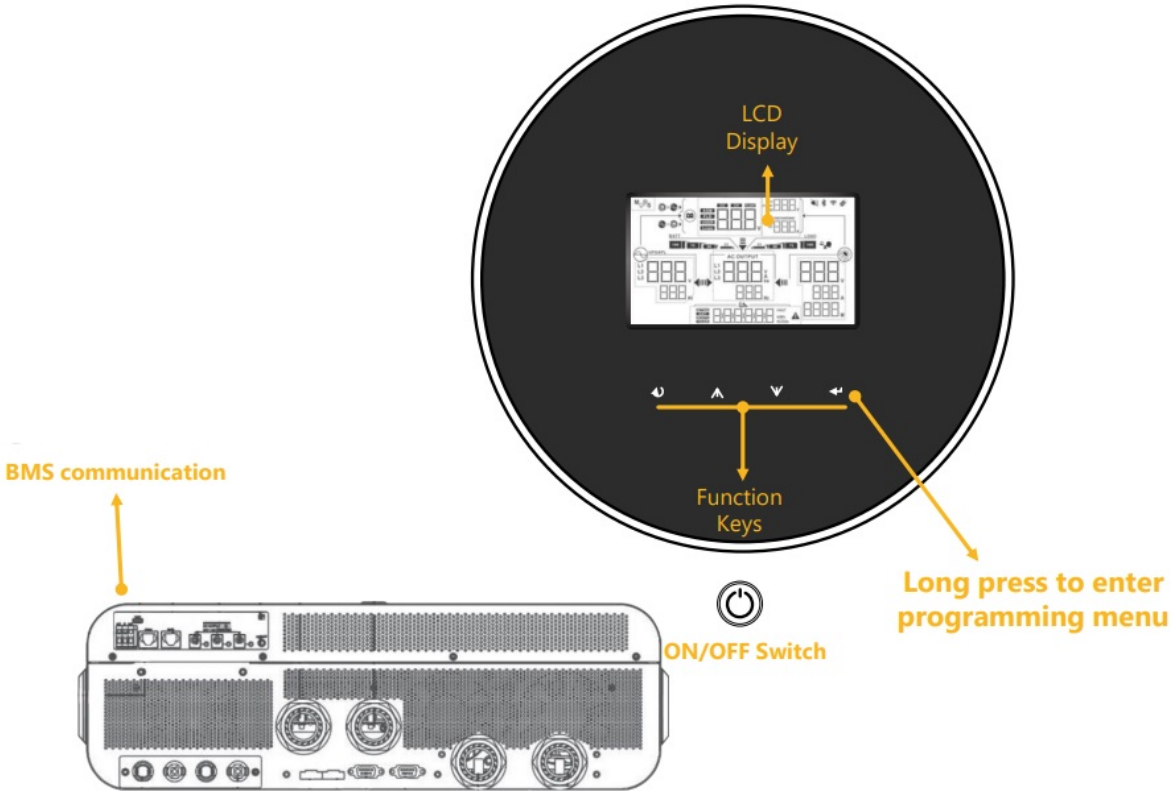
RJ45 Plug

	Inverter	Battery
RS485A	5	7
RS485B	3	8

Settings

Settings– Newer versions

- Enter programming mode
- Set 05 : Select PYL for Pylontech Batteries
- If there is parallel inverters, please select ‘USE’ on slave inverters
- Select suitable frequency in the 9th setting-set to 50Hz.
- If you apply ‘SBU’ mode, except for the first steps, the 11th setting, the maximum charge current from grid should be set according to battery numbers.
- The 12th setting, discharge voltage limit is recommended to not be set below 46V.
- The 13th setting, charge voltage limit recommended to be set at 53V.



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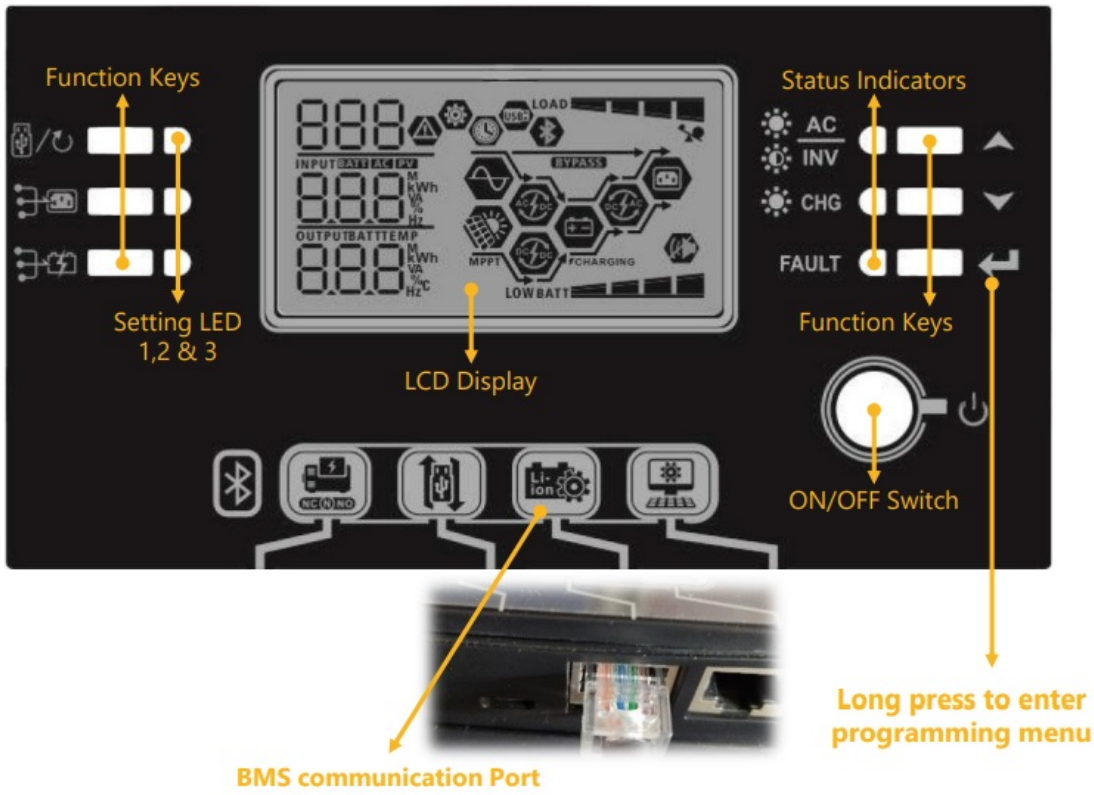

Troubleshooting – Most common communication error

“Error 61 – BMS communication failed”

POSSIBLE CAUSES:

- Incorrect/damaged BMS cable used – cable tester
- Incorrect DIP switches set on battery – Consult documentation on product page
- Incorrect battery type selected – Program 05
- Incorrect port used on battery/inverter – User manual on product page

NOTE:

- OG range only uses RS485 with a Baud rate of 9600
- BMS cable included with battery/inverter or bought from SegenSolar – Ask your account manager or technical support advisor for assistance

Documents / Resources

	PYLON TECH Kodak and Pylontech [pdf] User Guide Kodak and Pylontech, Kodak and, Pylontech

References

- SegenSolar Pty Wholesale Online