



## **APPLICATION NOTE**

# **Setting up the Kodak FL5.2 with the Kodak OG range**





## Communication wiring

### Inverter to battery

Use the cable that is packed with the battery, it is labeled CAN and INVERTER.

The side marked **INVERTER** plugs into the **Li-ion** socket on the inverter. The side marked **CAN** plugs into the battery, see pictures below.



**Figure 2**  
Master battery connection



**Figure 1**  
Inverter side connection

### Battery to battery connections:

Links are included with the batteries and must follow the following sequence. From the master, plug the link cable into the side with the single port. On the slave plug the other side of the link cable into the last plug. Link port 1 to Link port 0.



**Figure 3**  
Master battery



**Figure 4**  
Slave battery

### Dip switch settings

Set the battery dip switches according to this table.

Number of batteries	Master	Slave 1	Slave 2	Slave3
1	0001 0000			
2	0010 0000	0000 0001		
3	0011 0000	0000 0001	0000 0010	
4	0100 0000	0000 0001	0000 0010	0000 0011

### Inverter settings

Battery type on the inverter must be set to PYL on the master inverter and USE on slave inverters. Successful communication is indicated by the battery icon flashing on the LCD. If PYL does not appear, the inverter will need a software update.

### Firmware required:

Model	CPU firmware	MCU firmware
OG-PLUS5.48	71.94	<a href="#">02.61</a>
OG5.48	41.16	<a href="#">02.61</a>
OG-7.2	45.06	<a href="#">12.06</a>
OGX5.48a	41.17	<a href="#">02.66</a>

### Battery Cable

If your inverter setup is greater than 5kw, you must wire each battery to a common busbar. The battery cable is only rated for 5kw.

### Turn on procedure

1. Switch on each battery with the silver Switch.
2. Press small black switch next to indicator lights on the master battery till it switches on. The slave batteries will also then switch on.
3. Then turn on the inverter.
4. Set setting 5 to PYL.
5. Communication with the master inverter will be indicated by a flashing battery icon.
6. The battery should be the ONLY source of power for the inverter and only after the inverter has establish comms with the battery, you may switch on AC/PV.

## Trouble shooting

Caution 70: This is a warning sign and only means that the inverter has received a charge command from the inverter. This is not a error and will not impact the systems working procedure in any way. This can be removed by updating the battery and inverter firmware.