The Single Port Safe Parallel Adapter (SPA) and FMA Wiring mode vs. XH/EH Wiring mode

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By default, PowerLab Series Battery Workstations ship with the balance connector (output) set for FMA's Cellpro wiring. This wiring mode supports older Cellpro REVOLECTRIX brand batteries and adapters directly. However, due to the proliferation of the JST XH/EH balance connectors available on most LiPo battery packs in the R/C industry these days, the PowerLab series will start shipping with an optional Single Port Safe Parallel Adapter (SPA) in October, 2014. This optional re-packaging is being offered for the following reasons:

- To enable PowerLab series Battery Workstations to interconnect directly to the defactoindustry standard JST XH balance connectors shipping on most battery brands these days so that these battery types may be connected and maintained "out of the box". The SPA supports one battery pack (2s-8s) per adapter and multiple SPAs may be daisy-chained to allow for safe (thermal fuse protected) balance charging of multiple packs in parallel. For more information on the SPA, please visit <u>http://www.revolectrix.com/SPA_XH.htm</u>.
- 2. To simplify our PowerLab product lines and increase VALUE! Pay less, get more!
- 3. To remove yet another reason to consider anything other than a genuine Cellpro Charger or Battery Workstation.

If your PowerLab purchase includes the SPA, before attempting to use your PowerLab, set it to XH/EH Wiring Mode using one of the following methods:

Switching to XH/EH mode at the PowerLab:

- 1. Press **INC+DEC** (i.e., press both **INC** and **DEC** at the same time) to display the Options menu (**Choose TASK?**).
- 2. Press INC or DEC until you see Charger Options, then press ENTER.
- 3. Press ENTER until you see Node Connector?
- 4. Press INC or DEC until you see XH/EH Wiring on line 2 of the LCD.
- 5. Press and Hold **BACK** to return to the Preset Menu. Your changes are saved the moment you make them.

Switching to XH/EH mode using your PowerLab's CCS:

- 1. Connect the PowerLab to the PC via the FUIM2/FUIM3 PC USB interface, and apply power to the PowerLab.
- 2. Once the PowerLab is communicating with the CCS, access the **Options** tab.
- 3. Under Start Settings, pull-down on the Node Wiring= field, and select XH/EH Wiring.
- 4. Click the **Update** button at the bottom of the CCS to save your changes to the PowerLab.

For more information, please download and review the User Guide for your particular PowerLab model at the following URL: <u>http://www.revolectrix.com/downloads.htm</u>