

COMMON SENSE RC

THE "GO TO" GUYS IN ELECTRIC POWER

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Paraboard - Parallel Charging Board for Lipos with UMX Connectors

CAUTION: Failure to follow these instructions may cause serious damage and result in extreme hazard and bodily harm.

- 1) Connect the balance lead from the Paraboard to the 6S (6 cell) balance port on your charger.
- 2) Connect the 4mm banana plugs on the Paraboard to the charger's output ports: red to the positive output, black to the negative output.

CAUTION: Always connect the Paraboard to your charger before plugging any batteries into the Paraboard.

If batteries are connected to the paraboard while the banana plug leads are not plugged into your charger, there will be a serious risk of a short circuit and possible fire.

- 3) Connect the UMX balance connectors on your batteries to the Paraboard.
- 4) Battery packs must be of the same cell count (only charge 2S with 2S, 3S with 3S, etc.) and battery voltages must be within 0.1V per cell (0.1V for 1S, 0.2V for 2S, etc.) of all other batteries connected to the Paraboard at the same time. Use a Cell Spy or similar voltage tester to check the voltage of each cell before connecting to the Paraboard.

CAUTION: Connecting batteries of different cell counts or with voltage differences greater than 0.1V per cell can result in damage to batteries and Paraboard and can even result in fire.

- 5) When charging in parallel, the voltage of the packs remains the same, but the capacity will increase for each pack connected in Parallel. For example, if you connect three 7.4V (2S) 300mAh batteries to the Paraboard, your charger will recognize it as a single 7.4V (2S) 900mAh battery. Be sure to set your charger's voltage and charge amperage accordingly.
- 6) Maximum charge rate when using this Paraboard is **5 Amps**.