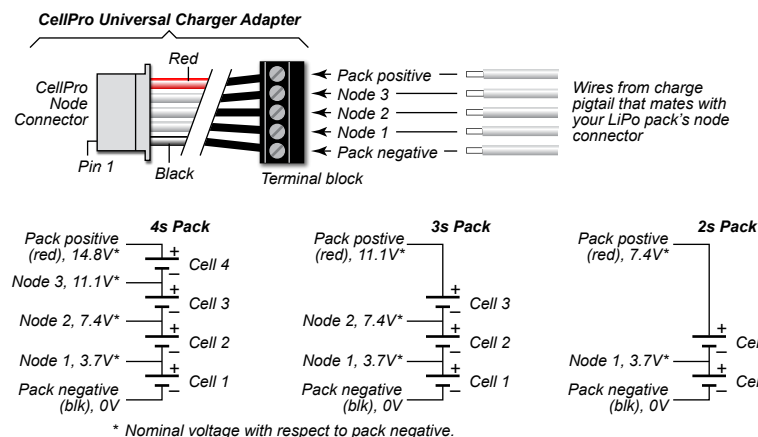


Preparing the adapter

1. Determine how each wire in the node connector terminates in the pack (if you don't have a wiring diagram for your pack's node connector, use a voltmeter and the schematics below for guidance). Transfer this information to the wires on the charge pigtail.
2. For each wire from the charge pigtail: insert the stripped end of the wire into the terminal block position corresponding to the wire's function (see upper diagram below); tighten the terminal block screw to secure the wire.



Charging a pack

1. Attach the pack's node connector to the charge pigtail.

Warning: Do not connect more than one pack at a time to the adapter.

2. Plug the Universal Adapter into the CellPro charger.
3. Apply power to the charger. The charger should indicate normal charging is in progress.
4. When charging is complete, disconnect the pack.

Troubleshooting

If the charger displays an error code: Consult charger's error code list, correct problem, and try again. You may need to cycle charger power.

FMA limited warranty for charging adapters

FMA, Inc. warrants this product to be free of manufacturing defects for the term of 90 days from the date of purchase. Should any defects covered by this warranty occur, the product shall be repaired or replaced with a unit of equal performance by FMA or an authorized FMA service station.

Limits and exclusions

This warranty may be enforced only by the original purchaser, who uses this product in its original condition as purchased, in strict accordance with the product's instructions. Units returned for warranty service to an FMA service center will be accepted for service when shipped postpaid, with a copy of the original sales receipt or warranty registration form, to the service station designated by FMA.

This warranty does not apply to:

- Consequential or incidental losses resulting from the use of this product.
- Damage resulting from accident, misuse, abuse, neglect, electrical surges, reversed polarity on connectors, lightning or other acts of God.
- Damage from failure to follow instructions supplied with the product.
- Damage occurring during shipment of the product either to the customer or from the customer for service (claims must be presented to the carrier).
- Damage resulting from repair, adjustment, or any alteration of the product by anyone other than an authorized FMA technician.
- Installation or removal charges, or damage caused by improper installation or removal.

Call (301) 668-7614 for more information about service and warranty repairs.



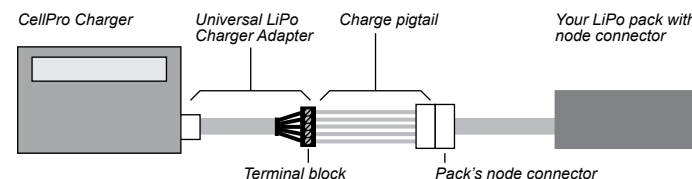
Universal LiPo Charger Adapter

Model CP-TB, for charging 2s to 4s LiPo packs with the FMA CellPro cell-balancing LiPo chargers

About the adapter

FMA's Universal LiPo Charger Adapter enables you to attach a 2s to 4s LiPo pack having a node connector to FMA's CellPro cell-balancing charger. The pack's node connector enables the charger to monitor cells individually to prevent overcharging and to perform cell balancing.

The Universal LiPo Charger Adapter is half of what you need to connect your pack to the CellPro Charger. The other half is a charge pigtail that mates with your pack's node connector (you should be able to obtain this from the retailer where you bought your LiPo pack). Attach the charge pigtail's wires to the Charger Adapter's screw-type terminal block (see instructions on next page) to complete the pack-to-charger connections. Here's the entire system set up for charging:



Precautions

- FMA recommends using a 1C charging rate for all LiPo packs. Before charging at higher than 1C, consult the manufacturer's recommendations to assure that charging at a higher rate is permitted. Charging a pack at a rate for which it was not designed could severely shorten pack life. Safety features in FMA cell-balancing chargers support charging at rates up to 3C. However, charging at greater than 1C is possible *only when the pack is rated for the higher rate*. FMA, Inc. accepts no liability for damages resulting from charging a Lithium battery at a rate higher than that specified for the battery.
- Do not plug more than one pack at a time into the adapter. Connecting two or more packs at the same time will damage the packs and may result in fire.
- Follow all safety precautions provided with your packs and chargers.

WARNING! Maximum charge rate 1C, or as specified for battery being charged. Use this product only with the FMA Direct Cellpro 4s Charger. FMA, Inc. will not be liable for damages that result from improper use of this product. **Lithium polymer batteries may ignite under certain conditions. Read all safety precautions completely before using lithium polymer batteries with this product!**

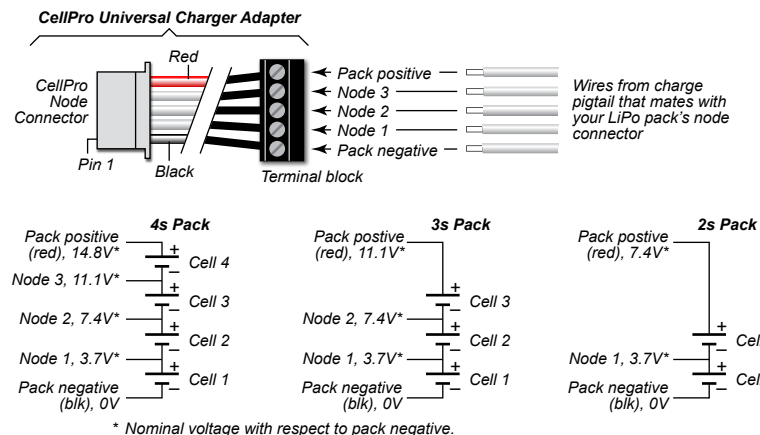
FMA, Inc. • 5716A Industry Lane • Frederick, MD 21704

Sales: (800) 343-2934 • Technical: (301) 668-7614 • www.fmadirect.com



Preparing the adapter

1. Determine how each wire in the node connector terminates in the pack (if you don't have a wiring diagram for your pack's node connector, use a voltmeter and the schematics below for guidance). Transfer this information to the wires on the charge pigtail.
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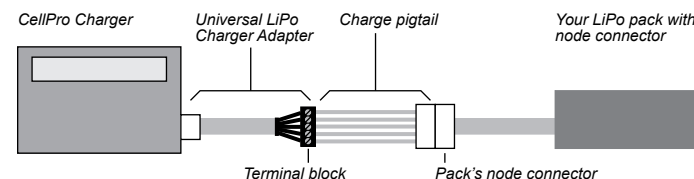
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