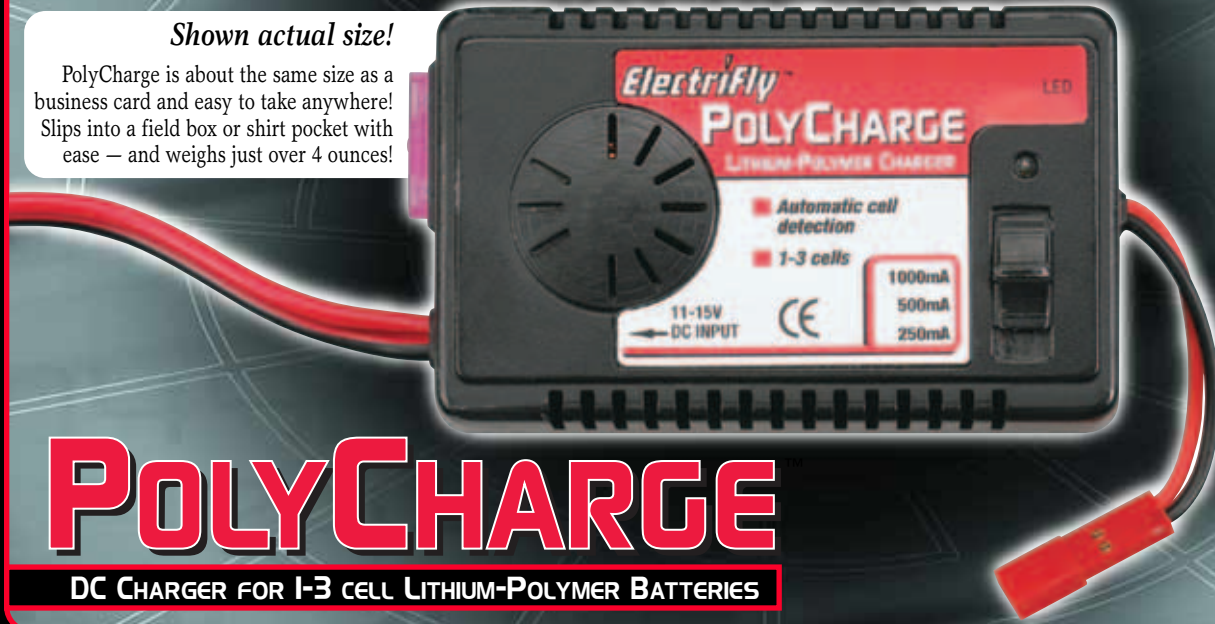


**Shown actual size!**

PolyCharge is about the same size as a business card and easy to take anywhere! Slips into a field box or shirt pocket with ease — and weighs just over 4 ounces!



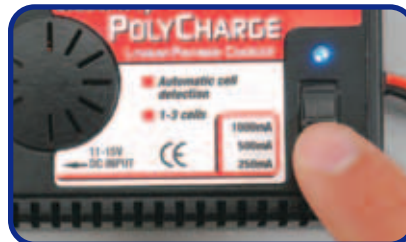
# POLYCHARGE

DC CHARGER FOR 1-3 CELL LITHIUM-POLYMER BATTERIES

**Li-Po charging the way it should be: Fast. Easy. Affordable.**

**W**ith the PolyCharge, the benefits of Li-Po packs are easy to enjoy and afford. There's no complicated programming, no costly computer chips — just a no-frills design that offers the basics of Li-Po charging at the least possible price. Add a plane, a few packs and a 12V battery, and you have everything needed for hours of non-stop flying.

- Perfect for 1-3 cell Li-Po power packs in park flyers, helis and smaller 3D aerobats.
- Light and compact for easy carrying and storage — and super simple to set up and use.
- Automatically starts charging when the pack is connected — automatically ends charging when the pack is fully charged.
- Buzzer and high-intensity blue LED signal diagnostic alerts and changes in charging status.
- Includes alligator clips on 30" lead for input and standard red 2-pin connector on output.
- Vented for cooler operation and longer life.



Adjusting charge rate to pack capacity takes only a moment and a touch on the selector switch. Choose from 250mA, 500mA or 1,000mA rates.



The incredible power-to-weight advantage of Li-Po packs can improve the performance of almost any electric aircraft — and Polycharge offers an simple, economical way to enjoy it.

## POLYCHARGE BASICS

- Description: Li-Po-only fast charger
- Power source: 11-15V DC
- For: 1-3 cell Li-Po packs
- Charge rates: 250, 500 and 1,000 mA
- Charge termination: cc/cv (constant charge/constant voltage)
- Sight/Sound alerts for: start/stop charge; high/low input voltage; reverse polarity (output) and loose/broken pack connection
- Fuse-protected against overload
- Dimensions: 2.2 in x 3.5 in x 0.9 in (55x88x23mm)
- Weight: 4.35 oz (123g)

## THE LI-PO ADVANTAGE

- Compared to NiCds or NiMHs, Li-Pos:
- Store more power per ounce.
  - Feature soft foil coverings (instead of heavy metal cans.)
  - Offer 3 times the voltage per cell. A 2-cell Li-Po pack offers the same voltage as a 6-cell NiCd or NiMH pack — for less than half the weight.



## Great Planes® ElectriFly™ Li-Po Battery Packs

### Hobbico® TorqMaster™ LC 12V/7Ah Battery



HCAP0800

Compare it to other field batteries on capacity, convenience or cost, and the TorqMaster LC looks like a clear winner. It comes out of the box ready for instant use and recharges overnight with an inexpensive AC Charger (HCAP0200). Sealed and maintenance-free, it never needs electrolyte and can be mounted at almost any angle. At just 5.9" x 3.75" x 2.5" (150x91x64mm), it's an easy fit for almost any field box — and with a full 7Ah of current capacity, it's the ideal choice for supplying power to starters, chargers, fuel pumps, power panels and more. Weight: 5.25 lb (2.38kg)

### ElectriFly™

# TRITON™

Computerized Peak Charger,  
Discharger and Cycler



GPM3150



The only thing that matches the Triton's versatility is the ease with which modelers can use it. It can peak charge 1-24 NiCd or NiMH cells, or fully charge 1-4 cell Li-Ion or Li-Po packs and 3, 6 or 12 lead acid cells. Pushbuttons let you select cell type and menus in seconds; a unique rotating dial makes it easy to scroll through menus, set up custom battery routines and store up to 10 routines for later use. Triton's bright, 32-character LCD displays programming as it's entered, provides updates of capacity, battery voltage, current and time as batteries charge and produces data from the last ten cycles on demand. Small and lightweight, it features a durable aluminum case and a built-in cooling fan to improve efficiency and extend life. Requires 12V DC power.



GPM0800

Ounce for ounce, Lithium-Polymer (Li-Po) cells offer more power than either NiCd or NiMH cells, and add less to all-up weight! And because they're high-discharge cells, they're great for electric flight and other high-drain applications. ElectriFly's innovative SafeCharge™ circuitry monitors and limits charge voltage, protecting cells and packs from overcharging. All packs include leads, plus a standard 2-pin red connector for charging and a separate connector for discharging. Type of discharge connector varies. They include: 2-pin white (GPM0800, 0801), black Molex® (GPMP0810, 0811) and Deans Ultra (GPMP0820-0831). Wafer-thin **Parallel Boards** can connect up to five Li-Po Packs and boost current-carrying capacity.

- GPMP0800 Lithium-Polymer 350mAh 7.4V 2-Series Pack
- GPMP0801 Lithium-Polymer 350mAh 11.1V 3-Series Pack
- GPMP0810 Lithium-Polymer 720mAh 7.4V 2-Series Pack
- GPMP0811 Lithium-Polymer 750mAh 11.1V 3-Series Pack
- GPMP0820 Lithium-Polymer 1200mAh 7.4V 2-Series Pack
- GPMP0821 Lithium-Polymer 1200mAh 11.1V 3-Series Pack
- GPMP0830 Lithium-Polymer 1500mAh 7.4V 2-Series Pack
- GPMP0831 Lithium-Polymer 1500mAh 11.1V 3-Series Pack
- GPMP0898 Parallel Board Molex Plug
- GPMP0899 Parallel Board Deans Ultra Plug

### ElectriFly™ Ammo™ Brushless Motors

Brushless, slotless — and 87% efficient!

**Protected by a  
2-year warranty!**



GPM5000

More power and efficient than brushed motors, more affordable than most other slotless motors, Ammo slotless, brushless motors deliver what pilots want: more flying time from each pack; more power for stunts; and split-second response on demand. Instead of the power-reducing air gaps and heavy iron teeth of slotted motors, slotless Ammo motors feature a patented winding method that packs the can full of light, conductive copper wire. That not only produces more power, but faster, smoother response especially at higher rpm. And unlike inexpensive brushed motors, Ammo brushless motors require virtually no maintenance and offer a generous 2-year warranty. A great choice for extreme 3D performers and other small electrics. Leads and connectors included.

Stock #	Model	Input (# of Cells)	RPM/V (kV)	Max. Constant Current (A)	Max. Surge Current (A)
GPM5000	20-3600	6-10	3600	10-12	18-20
GPM5005	20-4300	6-10	4300	10-12	18-20
GPM5010	20-5100	6-10	5100	10-12	18-20

[www.electrifly.com](http://www.electrifly.com)