

# Is a full charge too much to ask?

## Equinox™ LiPo Cell Balancer

**ElectriFly doesn't think so.**

All it takes is the right pack and the right equipment — and ElectriFly has both! Look on the other side, and you'll find Power Series Balanced LiPo Packs, with capacities ranging from 640mAh to 3200mAh! There are a dozen in all, and all are ideal for use with the Equinox LiPo Cell Balancer. It's designed to bring out the best performance in balanced packs and to work in two different ways.



### 1 A stand-alone discharger!

Connect the Equinox to a 2-5 cell (7.4V-18.5V) pack in “Quick-Balance Mode”, and it simultaneously balances cell voltages while discharging each cell at a gentle 120mA rate. Discharging terminates when each cell reaches 2.75V. Works with all LiPo packs series-wired for balancing.



### 2 An interface between a balanced pack and LiPo charger!

In “Interface Mode”, the Equinox balances and maintains voltages until each cell reaches its maximum charge (4.2V!). More volts mean more power and more performance for every model, including 3D aerobats! Because cells are balanced, individual cells can't be overcharged. This not only prevents pack failures, but helps packs last longer, too. It eliminates the need for special “balancing” LiPo chargers — and works with all of the chargers shown below.

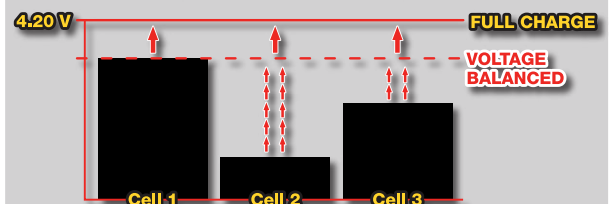
DTXP4170 DuraTrax® IntelliPeak™ ICE™  
GPMM3015 ElectriFly PolyCharge™4  
GPMM3150 ElectriFly Triton™

GPMM3152 ElectriFly Triton Jr.  
HCAPO280 Hobbico® Accu-Cycle™ Elite  
HCAPO290 Hobbico Quick Field Charger MkII

### More Equinox Features

- Easy, push-button operation
- Automatically checks for “bad” cells
- Charges at up to 3A (or 6A w/GPMM3163 [available separately])
- Adapters for 7.4V and 11.1V packs included. (Adapters for 14.8V and 18.5V packs available separately [GPMM3162])
- 8 status LEDs for easy monitoring
- Includes gold-plated banana plugs
- Compact: 3.2 x 1.6 x 0.6 in (82 x 40 x 15 mm)
- Lightweight: 1.55 oz (44 g)
- Overload-protected

### THE BALANCING PROCESS



Whether used during charging or discharging, the Equinox Balancer brings the voltage of all cells in a pack to within a few millivolts and then keeps them balanced throughout the process.

# POWER SERIES

## MORE POWER!

### What Power Series Balanced LiPo Packs are all about.

Balanced LiPo packs are wired to allow the voltages of individual cells to be equalized (or brought into balance) with one another. Balancing can be done during charging or discharging. A good cell balancer (such as the ElectriFly Equinox™) can bring cell voltages to within a few millivolts of each other and keep them closely balanced as the pack charges or discharges.

The biggest advantage of balancing is that each cell in the pack can achieve the maximum charge: a whopping 4.2V per cell. And as always, maximum power in each cell means more power in the pack and that means more performance for the pilot. Plus, the cells in Power Series packs have a continuous discharge rate of 20C and a burst (30-second) discharge rate of 30C — keys to instant, full-power acceleration. Finally, balancing also conditions cells (and packs) to perform better and last longer.

Power Series packs are wired in series. All packs listed in chart are wired for balancing and include a special balancing plug and: a Deans® Micro Plug (GPMP0600, 0601) or Deans Ultra™ Plug (all others).



Stock #	Voltage (v)	Capacity (mAh)	Weight oz (g)	L x W x H in (mm)	Discharge Rate
GPMP0600	7.4	640	1.48 (42)	2.5 x 1.5 x 0.4 (64 x 37 x 11)	20C
GPMP0601	11.1	640	2.22 (63)	2.4 x 1.6 x 0.7 (64 x 40 x 17)	20C
GPMP0604	7.4	910	1.98 (56)	3.8 x 1.3 x 0.5 (97 x 32 x 12)	20C
GPMP0605	11.1	910	2.99 (85)	3.8 x 1.3 x 0.6 (97 x 31 x 14)	20C
GPMP0608	7.4	1250	2.47 (70)	3.8 x 1.3 x 0.6 (97 x 32 x 14)	20C
GPMP0609	11.1	1250	3.78 (106)	3.8 x 1.4 x 0.9 (97 x 35 x 22)	20C
GPMP0612	7.4	1500	2.85 (81)	3.8 x 1.3 x 0.6 (97 x 32 x 14)	20C
GPMP0613	11.1	1500	4.34 (123)	3.8 x 1.4 x 1.0 (97 x 35 x 25)	20C
GPMP0616	7.4	2100	4.2 (119)	4.6 x 1.6 x 0.6 (117 x 40 x 15)	20C
GPMP0617	11.1	2100	6.14 (174)	4.6 x 1.7 x 0.9 (117 x 43 x 23)	20C
GPMP0622	7.4	3200	6.2 (176)	5.4 x 1.8 x 0.6 (137 x 46 x 16)	20C
GPMP0623	11.1	3200	9.13 (259)	5.4 x 1.9 x 0.9 (137 x 49 x 24)	20C

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

# TRITON Jr.

Computerized Charger, Discharger & Cyclor

## A more affordable, streamlined version of the original Triton.

The Triton Jr. is smaller in size, weight and cost, yet offers most of the charging and discharging versatility that Triton owners enjoy. That's true of Triton Jr. programming as well, because it's based on the original's intuitive, easy-to-follow routines. It's also compatible with the same battery chemistries — LiPo and Lilon, NiCd, NiMH and lead-acid — and covers applications ranging from radio and field batteries to power packs for most electric aircraft. Its size, weight and reliance on readily available DC power make it a great tool to take along when you go to the field.



- Ideal for all flight, radio and field batteries.
- Easy-to-follow menu with programming for charge rate, discharge rate or number of cycles and more.
- Rugged, 4-direction membrane touchpad
- High-visibility, blue-backlit 2 x 16 LCD
- Lightweight aluminum case
- Weighs under one pound — compact for easy storage and use.
- The perfect “fit” for the Equinox LiPo Cell Balancer and Power Series Balanced LiPo Packs!

<b>Cell #/Chemistry:</b>	1-14 NiCd/NiMH 1-4 LiPo/Lilon 2-12V Pb	<b>Discharge Cut-off Voltage:</b>	0.1-16.8V NiCd/NiMH 1.8V Pb (fixed) 3.0V LiPo/Lilon (fixed)
<b>Input Voltage:</b>	11-15V DC	<b>Cycle count:</b>	1-5
<b>Peak delay at start:</b>	3 min (fixed)	<b>Battery memory:</b>	1
<b>Quick Charge Current:</b>	0.1-5.0A NiCd/NiMH 1C LiPo/Li-Ion 0.1-5.0A Pb	<b>Case size:</b>	4.7 x 3.6 x 1.2 in (118 x 92 x 30 mm)
<b>Trickle Charge Current:</b>	charge current/20 (NiCd/NiMH only)	<b>Weight:</b>	13.1 oz (371 g)
<b>Discharge Current:</b>	0.1-1.0A (NiCd/NiMH only)	<b>Safety Features:</b>	Fused overload; fast charge timer (1.5 hr, NiCd/NiMH; 2 hr LiPo)
		<b>Warranty:</b>	1 year