

**IntelliPeak™**

# ICE™

Competition Charger, Discharger and Cycler

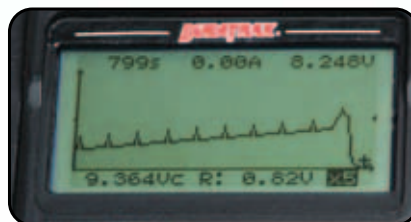
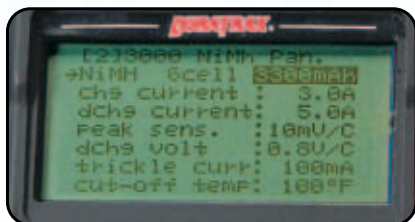


## The "racers choice" of chargers.

IntelliPeak Ice meets the special charging needs of experienced electric car, truck and boat modelers, offering the ideal charge rates...the flexibility to handle multiple battery types...four charge modes (linear, reflex, impulse and "four-step")...plus uniquely easy operation and numerous programming options. It's a great value — and a must for serious drivers who demand the best!

- **Handles 1-10 NiCd or NiMH cells, and 1-4 lithium-ion (Li-Ion) or lithium-polymer (Li-Po) cells.**
- **Wide adjustable current ranges for fast-charge (0.1-8.0A) and discharge (0.1-10.0A) are ideal for electric cars, trucks and boats.**
- **Displays graphs which show charge and discharge voltage curves.**
- **Performs 1-10 cycles (NiCd and NiMH only) — retrieves data for 10 full cycles.**
- **Program up to 10 batteries in memory by custom names for easy recall and charger set-up.**

See back side for complete features and specifications.



The large LCD screen shows 8 lines of data and 21 characters per line, allowing more information to be viewed without scrolling. That makes menus and controls extra-simple to use — and keeps battery condition updates, charge problem warnings and other important messages easy to read. It also displays charge and discharge voltage graphs!



With its advanced technology, intuitive menus, and simple pushbutton and dial operation, the Ice combines enormous functionality with remarkable ease of use. Four charge modes — linear, reflex, impulse, and 4-step — plus optional battery temperature monitoring truly makes Ice the choice for serious-minded racers.



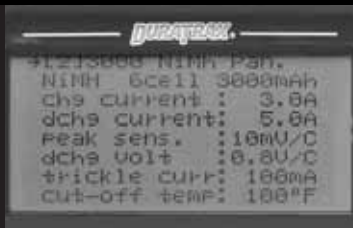
Its ability to break-in electric motors or operate commutator lathes is another IntelliPeak Ice feature that distinguishes it as the "racer's choice" among chargers. For motor break-in, it offers 1.0-8.0V adjustable output; time adjustable from 1-120 minutes; and 10A constant current (30A surge).

# IntelliPeak™

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## Competition Charger, Discharger and Cycler



## THE CHARGER FOR RACERS WHO DEMAND THE BEST!

### Additional features:

- Peak detection with adjustable sensitivity for NiCd and NiMH batteries.
- “Constant current / constant voltage” charge method for Li-Ion/Li-Po batteries.
- Linear, reflex, impulse and 4-step charge modes.
- Top-off charge for NiMH batteries.
- Optional fast-charge thermal cut off (DTXP4171 temperature sensor optional).
- 0-500mA adjustable trickle charge current (NiCd and NiMH only).
- 0.8-1.1V adjustable discharge cut off voltage for NiCd and NiMH.
- 2.5-3.7V adjustable discharge cut off voltage for Li-Ion / Li-Po.
- Adjustable cool off delay for cycling (1-30 minutes).
- Configure up to 10 batteries in memory for instant, easy recall and charger setup. Set custom names for all packs in memory.
- Motor break-in feature: output adjustable from 1.0-8.0V, 1-120 minutes, and 10A constant (30A surge) for break-in of motors or operating commutation lathes.
- Rugged aluminum case, two pushbuttons, and rotating dial that acts as pushbutton also for easy navigation of all menus.
- Built-in cooling fan, for better charge efficiency and extends life of charger.
- Banana jacks on output with two charge adapters included.
- Banana plugs pre-installed on input lead. Large alligator clips included which directly mate to bananas on input.

### Specifications

#### DTXP4170

**Input Voltage:** 11-15V DC

**Battery Types, # of cells:** 1-10 Nickel-Cadmium cells (1.2-12.0V NiCd)  
1-10 Nickel-Metal Hydride cells (1.2-12.0V NiMH)  
1-4 Lithium-Ion or Lithium-Polymer cells (3.6-14.8V Li-Ion/Li-Po)

**Battery capacity range:** 100-9900mAh

**Fast charge current:** 0.1-8.0A linear, reflex, impulse and 4-step

**Fast charge termination:** Peak detection for NiCd and NiMH  
“constant current / constant voltage” for Li-Ion / Li-Po  
optional thermal cutoff for all battery types

**Peak sensitivity:** 0-25mV adjustable

**Trickle charge current:** 0-500mA (n/a for Li-Ion / Li-Po)

**Discharge current:** 0.1-10.0A adjustable

**Discharge cut-off voltage:** 0.8-1.1V per cell NiCd & NiMH  
2.5-3.7V per cell Li-Ion/Li-Po

**Temperature cut-off range:** 50-132 degrees F

**Cycle count:** one to ten cycles (n/a for Li-Ion/Li-Po)

**Cycle cooloff delay:** 1-30 minutes adjustable

**Battery memories:** 10

**Display type:** 8 x 21 LCD (168 characters max)

**Graphical displays:** Graphs charge and discharge voltage curves

**Output connectors:** banana jacks

**Motor break-in:** 1.0-8.0V selectable, 1-120 minutes, 10A constant

**Case size:** 5.5 x 1.8 x 5.9" (140 x 45 x 150mm)

**Weight:** 21 oz. (605g)



DTXP4171  
IntelliPeak Ice  
Temperature Sensor



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