



## AC/DC PEAK CHARGERS

### Onyx chargers — setting a new standard!

Every once in a while a new product comes along that is so good it raises the bar. From the people who brought you the IntelliPeak™ ICE™ comes the Onyx line of chargers, the new standard in sport level performance. Affordability is a given with these chargers, but you also get the kind of features that used to be reserved for competition-level drivers. Five different chargers offer a wide range of options to choose from — each one tailored to fit your particular needs.



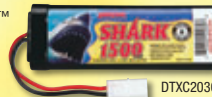
www.duratrax.com

### AC/DC PEAK CHARGER COMPARISON CHART

sku and description	DTXP4200 Onyx 200 AC/DC Sport Peak Charger	DTXP4210 Onyx 210 AC/DC Peak Charger w/LCD	DTXP4220 Onyx 220 AC/DC Programmable Charger w/LCD	DTXP4230 Onyx 230 AC/DC Advanced Charger w/LCD	DTXP4240 Onyx 240 AC/DC Dual Charger w/Twin LCDs
AC Input	117V	117V	117V	117V	117V
DC Input	11-15V	11-15V	11-15V	11-15V	11-15V
number of outputs	1	1	1	1	2
battery types	NiCd, NiMH	NiCd, NiMH	NiCd, NiMH	NiCd, NiMH, LiPo, Li-Ion, LiFe (A123)	NiCd, NiMH
# cells	4-7	4-8	4-8	1-8 NiCd cells, 1-3 LiXX cells	4-8, each output
peak detection	8mV	NiCd 8mV, NiMH 5mV	3-20mV adjustable	3-20mV adjustable	NiCd 8mV, NiMH 5mV
fast charge current	1.5A, 3A, 5A	0.8A, 1.5A, 3A, 5A	0.1 - 5.0A	0.1 - 7.0A	0.8A, 1.5A, 3A, 5A each output
fast chg safety timer	90 minutes	90 minutes	0-300 minutes adjustable	0-300 minutes adjustable	90 minutes
auto-trickle	yes	yes, can manually override	yes, can manually override	yes, can manually override	yes, can manually override
trickle chg current	1/20 fast chg current	1/20 fast chg current	auto (1/20 fast chg current), or manual set (0-250mA)	auto (1/20 fast chg current), or manual set (0-250mA)	1/20 fast charge current
main output	lead w/standard plug	lead w/standard plug	lead w/standard plug	banana jacks (std adapter incl)	2 leads with std plugs
radio battery jack	for 4-5 cell Rx batteries	for 4-8 cell radio batteries	for 4-8 cell radio batteries	n/a	two, for 4-8 cell radio batteries
input controls	slide switch, pushbutton	3 buttons	4 buttons	4 buttons	3 buttons each output
memories	0	0	5	10	0
LCD or LEDs	5 LEDs show charge state	custom 7-segment LCD with blue backlight	2x8 reversed matrix LCD w/ backlight	2x8 reversed matrix LCD w/ backlight	two 7-segment LCDs w/blue backlights
LCD data	n/a	Batt. type and voltage, charge current, mAh, and time	Input and output volts, peak volts, charge current, mAh, and time, many adj. features, errors	Input and output volts, peak volts, charge current, mAh, and time, many adj. features, errors	Each LCD shows battery type and volts, charge current, mAh, and time
physical dimensions	5.74 x 4.60 x 1.61" (146 x 117 x 41mm)	5.75 x 5.25 x 1.81" (146 x 133 x 46mm)	5.71 x 5.12 x 1.77" (145 x 130 x 45mm)	6.0 x 5.28 x 1.69" (152 x 134 x 43mm)	8.0 x 6.0 x 2.0" (203 x 152 x 51mm)
weight	17.0 oz. (484g)	19.2 oz. (543g)	20.4 oz. (578g)	23.5 oz. (666g)	27.8 oz. (789g)
comments	base model	can charge Tx packs and smaller elec and nitro Rx packs more charge current options adds an LCD with blue backlight	fully adjustable fast currents many more adjustable options more advanced LCD 5 memories	can charge up to 7 amps can charge lithium battery types output takes many adapter types 10 memories	two chargers in one each circuit identical to Onyx 210 both outputs totally independent

\* Each model includes a small, lightweight built-in switching AC power supply, audible tones for setup / charge completion / and errors, applies linear charge current, and includes solid-state current overload and reverse polarity protection.  
\* The radio battery jack accepts universal radio battery plugs or BEC type connectors

### Complement your Onyx charger with any of these DuraTrax 7.2V batteries!



1500 mAh 7.2V NiCd Pack

- THE battery for backyard bashers and stock class club racing.

DTXC2030



- The perfect upgrade for up-and-coming club racers.
- An affordable alternative to matched packs for cost-conscious pros!
- Boost performance even more with the 4200mAh Flat Pack w/Dean's Ultra Plug.

DTXC2146 NiMH DTX4200 7.2V Stick Std.  
DTXC2163 NiMH DTX4200 7.2V Flat w/Dean's® Ultra Plug®

#### NiMH 2/3A Micro Flat Packs

- Ideal choices for powering 1/18 scale electrics!
- DTXC2185 NiMH 1400 7.2V Flat RC18  
DTXC2194 NiMH 1200 7.2V Vendetta™/Mini Quake™  
DTXC2210 Adapter Std. to Vendetta/Mini Quake



- Excellent values in both NiCd and NiMH chemistries.
- Piranha packs are available in a wide range of capacities.
- All are available with standard connectors.

DTXC1900 NiMH 2000 7.2V Stick Std.  
DTXC1930 NiMH 2500 7.2V Stick Std.  
DTXC1960 NiMH 3000 7.2V Stick Std.  
DTXC2020 NiCd 1900 7.2V Stick Std.





## AC/DC PEAK CHARGERS



### It all starts with the *Onyx 200 Sport Peak Charger*

A great entry-level charger for electric cars and boats with NiCd or NiMH batteries, as well as nitro racers!

#### DTXP4200

- Five ramping LED show charge status
- AC/DC input for indoor and outdoor use
- Very compact and lightweight — a small, advanced built-in switching AC power supply helps lighten the load in your field bag
- A wider range of currents (1.5A, 3A and 5A) — for handling micro batteries and receiver packs all the way up to today's popular high-capacity NiMHs
- Peak detection for NiCd and NiMH packs = a full charge every time
- Auto-trickle — keeps NiCd and NiMH packs topped off and ready
- Solid-state overload and reverse polarity protection
- Audible indicators
- Battery Types: 4-7 NiCd or NiMH cells (4.8-8.4V)
- Dimensions: 5.7 x 4.6 x 1.6 in (146 x 117 x 41 mm)
- Weight: 17 oz (484 g)



Five LEDs show the status of charge — the more fully charged, more LEDs show. A green LED at the top means the battery has reached peak, and is ready to race! Audible tones aid in set-up and use.



### Add these features to the *Onyx 200* and you've got the *Onyx 210 Sport Peak Charger w/LCD*

Handles electrics from 1/18 up to 1/8 scale, and can also charge 8-cell transmitter batteries! Choose from more charge current options, with all data clearly shown on a custom LCD with blue backlight.

#### DTXP4210

- Display: 7-segment LCD with blue backlight
- Battery Types: 4-8 NiCd or NiMH cells (4.8-9.6V)
- Fast Charge Currents: 0.8A, 1.5A, 3A, 5A
- Dimensions: 5.8 x 5.2 x 1.8 in (146 x 133 x 46 mm)
- Weight: 19.2 oz (543 g)



The LCD features custom characters, large digits, and a cool blue backlight — great for easy viewing anytime, anywhere!



Built into Onyx 200, 210, and 220 chargers, this battery jack lets you conveniently charge 4-5 cell NiCd or NiMH receiver packs. The 210 and 220 models can also charge 8-cell transmitter packs.



### The *Onyx 220 Programmable Peak Charger w/LCD* takes sport charging to the next level

An excellent choice for electric models as small as 1/32 scale up to 1/8 scale. Features an advanced reversed LCD with backlight (normally found only on expensive racing chargers), along with fully adjustable current, numerous programmable options and five battery memories.

#### DTXP4220

- Display: 2x8 reversed LCD with backlight
- Battery Types: 4-8 NiCd or NiMH cells (4.8-9.6V)
- Fast Charge Currents: 0.1-5.0A
- Peak Sensitivity: 3-20mV (adjustable)
- Automatic or manual adjust (0-250mA) trickle charge
- Dimensions: 5.7 x 5.1 x 1.8 in (145 x 130 x 45 mm)
- Weight: 20.4 oz (578 g)



The Onyx 220 and 230 chargers both feature a clear, bright 2x8 custom LCD with reversed characters and backlight - previously only available on expensive racing chargers! Viewable in any environment, the display shows charge voltage, current, time, and more!



### The *Onyx 230 Advanced Peak Charger w/LCD*: the top of the line in a sport charger

In addition to NiCd and NiMH chemistries, the Onyx 230 can also handle the latest in battery technology, including LiPo, Lilon and LiFe (A123) cells! It's capable of an incredible 7 amps charge current, and also boasts the 2x8 reversed LCD screen. Other features include ten battery memories and a built-in fan to keep the unit cool.

#### DTXP4230

- Display: 2x8 reversed LCD with backlight
- Battery Types: 1-8 NiCd or NiMH cells (1.2-9.6V) 1-3 LiPo, Lilon or LiFe cells (3.7-11.1V)
- Fast Charge Currents: 0.1-7.0A
- Banana jacks for more adapter versatility
- Dimensions: 6.0 x 5.3 x 1.7 in (153 x 134 x 43 mm)
- Weight: 23.5 oz (666 g)

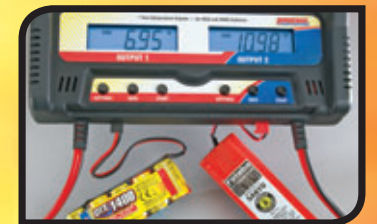


### The *Onyx 240 Dual Peak Charger w/LCD* is like having two *Onyx 210* chargers in one unit

Designed for electrics which use two NiCd or NiMH packs simultaneously, or for modelers who rotate through multiple batteries at the field or track. Features two independent outputs with identical functions, two custom backlit LCDs, and two built-in jacks for charging 4-5 cell receiver packs or 8-cell transmitter packs.

#### DTXP4240

- (For EACH output)
- Display: 7-segment custom LCD with blue backlight
- A radio battery jack for charging 4- or 5-cell NiCd or NiMH receiver packs, plus 8-cell transmitter packs
- Battery Types: 4-8 NiCd or NiMH cells (4.8-9.6V)
- Fast Charge Currents: 0.8A, 1.5A, 3A, 5A
- Dimensions: 8.0 x 6.0 x 2.0 in (202 x 153 x 50 mm)
- Weight: 27.8 oz (789 g)



Connect 4-, 5-, even 8-cell NiCd or NiMH radio batteries with universal connectors directly to handy charge jacks on front. Great for nitro racers! Adapters also available for connecting to transmitter charge jacks.



For more information, and the location of the dealer nearest you, visit [www.duratrax.com](http://www.duratrax.com) or call 1-800-682-8948 and mention code number 99K38.