

# ONYX<sup>230</sup>

## AC/DC Advanced Charger

## PRECISION CHARGING FOR NICK, NIMH & LITHIUM PACKS!

If you want the best performance for your packs, the Onyx 230 can deliver no matter what type of cells you run. It's a peak charger for NiCds and NiMHs, a cc/cv star for 1-3 LiPo, LiFe and LiIon packs — and programmable to ensure the best charge and longest life for both. And once you find the perfect charging setup, you can store it in memory and pull it up for use with the touch of a button. It's a great value in versatility and a solid investment in simple, dependable charging.

### DTXP4230

**Input:** 110V 60Hz AC/11-15V DC

**Battery types:** 1-8 NiCds or NiMHs; 1-3 Lithiums

**Battery capacity:** 50-9900mAh

**Fast charge current:** 0.1-7.0A, adjustable (50W max; 2C on Lithiums)

**Fast charge termination:** peak detection (NiCds/NiMHs); cc/cv (Lithiums)

**Input connections:** detachable AC lead w/plug; DC lead w/alligator clips

**Peak sensitivity:** 3-20mV, adjustable

**Trickle current:** 1/20 fast charge setting (auto); 0-250mA (manual)\*

**Output connection:** banana jacks (Bullet Plugs/Standard Adapter inc.)

**Setup:** 4 push buttons

**Programmable functions:** 7

**Battery memories:** 10

**Display:** 2x8 reversed, backlit LCD

**Data displayed:** cell chemistry; input, output and peak voltage; charge current, capacity and time; alerts

**Dimensions:** 6.0 x 5.3 x 1.7 in (153 x 134 x 43 mm)

**Weight:** 23.5 oz. (666 g)

**Safety/Protection:** solid-state reverse polarity and current overload circuitry; 0-300 minute safety timer; audible alerts; cooling fan

\* NiCds & NiMHs only.



- A practical, programmable choice whether your packs are all NiCds and NiMHs, all lithiums, or a combination of both.
- Offers 7 ways to customize pack charging, memory for 10 custom setups — and push buttons for easy programming and retrieval.
- Compact, built-in AC power supply offers go-anywhere convenience and easy use in tight spaces.
- Charges lithium packs at up to 2C and NiCds and NiMHs at rates ranging from a gentle 100mA to an aggressive 7A.
- Banana jack output for easy use with most common adapters and connectors.
- Backlit, reversed display for easy reference anywhere, anytime and any light.

### Recommended Options

- DTXC2221 Charge Lead — Banana Plugs/Deans® Ultra Plug® Connector
- DTXC2222 Charge Lead — Banana Plugs/Traxxas®
- DTXP4151 Tx Charge Adapter — Standard/Futaba®
- GPMM3149 Charge Lead — Banana Plugs/Deans Micro
- HCAP0101 Charge Lead — Banana Plugs/Futaba® J Tx & Rx
- HCAP0105 Charge Leads — Banana Plugs/Spektrum® & JR® Tx & Rx
- HCAP0106 Charge Leads — Banana Plugs/Hitec® & Airtronics Tx & Rx

**5 YEAR  
LIMITED  
WARRANTY**  
U.S.A. and Canada only

 **Duratrax®**  
duratrax.com

For complete specifications, visit the Onyx 230 web page on Duratrax.com.

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