



## Universal Ni-MH/Liion/LiFePO4 charger, model everActive UC-4000

**Supported battery types:** Li-ion 3.6/3.7, LiFePO4 3.2/3.3V, Ni-MH 1.2V

**Charging current:** Li-ion/LiFePO4: adjustable 500/1000 mA  
Ni-MH: 500 mA  
USB Output: 5V DC, 1000 mA

**Discharge current:** 300 mA per cell

**Supported battery sizes:** R6 AA, R03 AAA, R14 C, R20 D, 10440, 14500, 14650, 17500, 17670, 18350, 18500, 18650, 20700, 21700, 22650, 25500, 26500, 26650, 32650, 33600, 16340 R-CR123e,

**Max cell's length:** 71 mm

**Power input:** 12V DC, 2500 mA or 100-240V AC

**Termination voltage:** Li-ion 3.6/3.7V: **4.20V**  $\pm 0.05V$   
LiFePO4 3.2/3.3V: **3.65V**  $\pm 0.05V$   
Ni-MH 1.2V:  **$-\Delta V/PVD/0\Delta V$** ,  $\sim 1.45-1.55V$

**Termination current:** 75 mA (for Lithium based cells)

**Dimensions:** 162 x 98 x 42 mm

**Weight:** 323 g

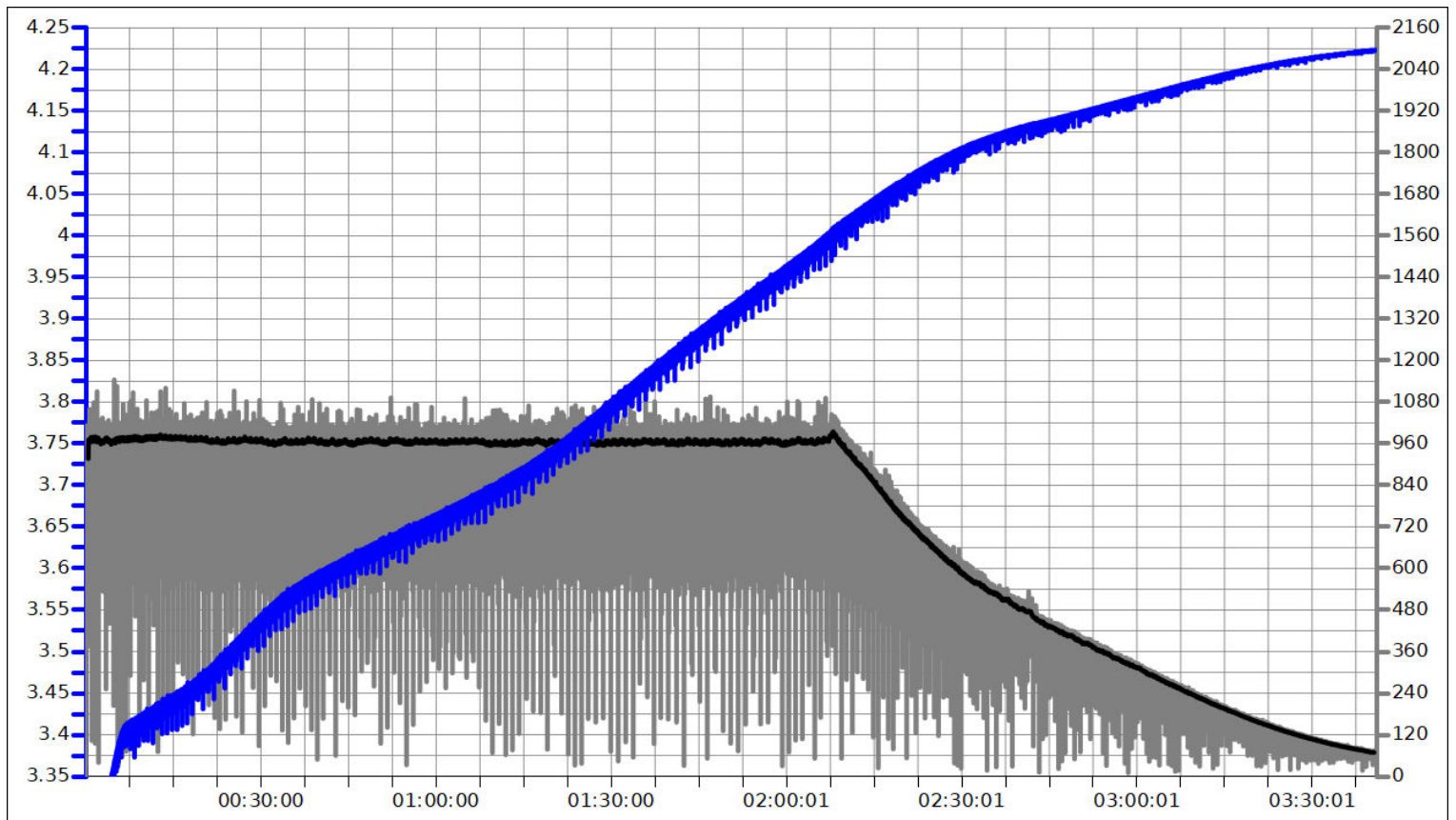
**Package contents:** everActive UC-4000 charger, 1m AC power cable



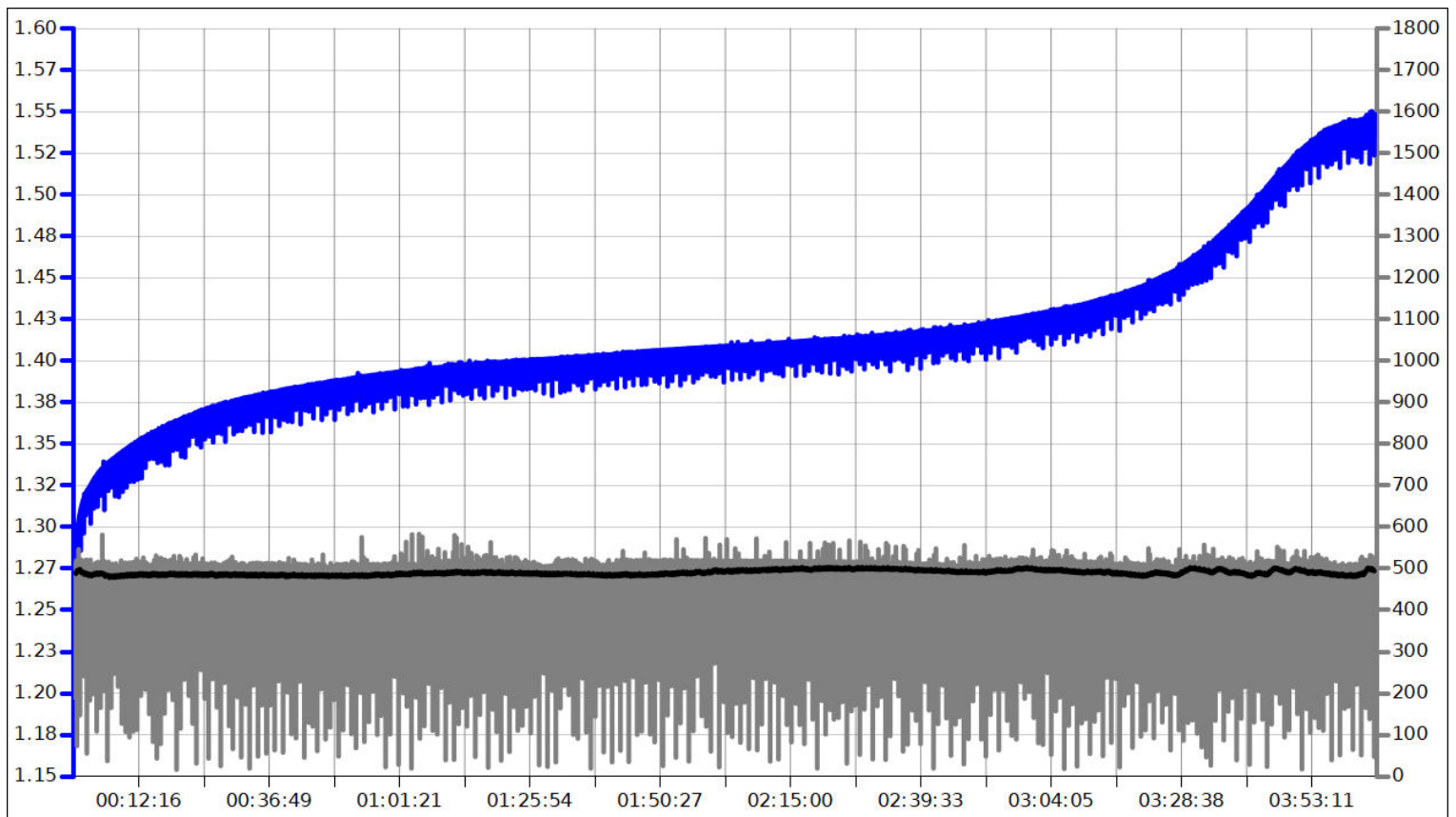
### Product advantage:

- four independent charging channels allow to charge different batteries at the same time,
- impressive capabilities and very easy operation with only two-buttons,
- versatility and excellent compatibility allows charging different, numerous battery types,
- large and innovative LCD display (with backlit) for showing actual operation status,
- adjustable charging current: 500mA / 1000 mA for Lithium cells,
- discharge mode with double capacity check (discharged and charged capacity) with capacity review function,
- charging method: lithium based cells: simulated CC/CV, nickel based cells: CC/-Delta V/PVD/0 Delta V, very high accuracy of charging process,
- strict and highly reliable charging scheme for each battery type ensures maximum usage safety,
- perfect charge termination ensures improved battery cycle life and performance,
- excellent 0V cell revival capability.

Li-ion 3.6/3.7V charge characteristics (1000 mA) – simulated CC/CV.



Ni-MH 1.2V charge characteristics (500 mA) – CC/pulse charging/ $-\Delta V$ /PVD/ $0\Delta V$ .



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