Useless Batteries made Valuable

Advancements in battery testing makes this possible

Warranty batteries no longer need to be discarded. Studies show that 90% of returned batteries can be restored with Cadex battery analyzers. The **QuickSor**t™ program provides a clear assessment of the battery condition in 30 seconds.

Battery testing has become a viable business model that saves the environment and earns money. **QuickSort™** makes this possible.

Cadex offers several Battery Analyzers

Ideal for small users

Low cost and simplicity makes the **Cadex C5100** the preferred battery analyzer for smaller service centers. It offers *QuickSort*™, *Charge*, *Cycle* and *Boost*.

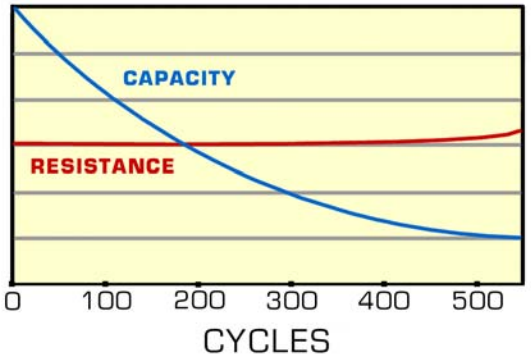
Volume users

The full-features **Cadex C7400 Series** service a wide range of rechargeable batteries. The optional PC-BatteryShop™ stores data and facilitates bar code reading.

The secret behind QuickSort™

Lithium-ion is getting better. New cathode material and electrolyte additives have stabilized the internal resistance. Measuring resistance to asses the battery health is no longer effective and more advanced test methods are needed.

QuickSort™ uses *Electrochemical Dynamic Response* to capture the battery state-of-health. QuickSort™ analyses batteries with a state-of-charge of 40-100% and achieves an accuracy of 90% regardless of cathode materials used.



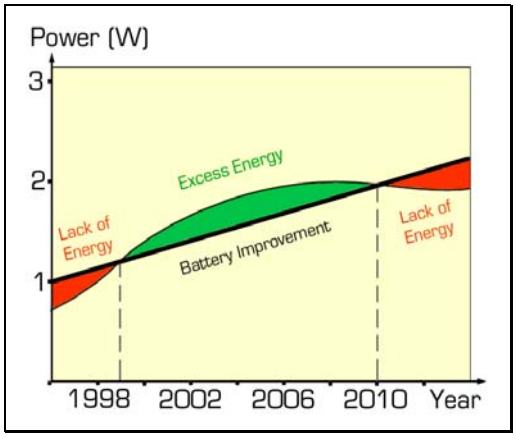
Capacity and resistance characteristics of modern Li-ion

QuickSort™ classifies the battery into pass/fail thresholds by applying a simulation that replicates a digital load. The categories are:

Good – 80% and higher; can be reused
Low – 70 to 80%; should be replaced
Poor – 70% and less, discard

Future power needs

The insatiable appetite for personal connectivity, information flow, and streaming entertainment is leading to a new energy crisis. The excess energy enjoyed in the last decade is evaporating and shorter than expected runtimes will place an urgent demand on battery testing.



Energy need of past, present and the future

The Company

Since 1980, battery users worldwide have turned to Cadex for advice on how to test battery and prolong service life. Innovation, quality products and solid customer service have brought Cadex to the high benchmark of today.

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