

ST7 LiFe BATTERY

LITHIUM IRON PHOSPHATE –
ADVANCED BATTERY TECHNOLOGY



- Fastest in industry, recharges in about one hour
- Extremely lightweight – makes carts easier to maneuver
- Up to 5x longer battery life*
- Maintain clinician productivity by reducing downtime
- Safest lithium batteries currently available
- Under 20 pounds – about half the weight of a traditional battery

Performance Excellence

InfoLogix understands that the performance of your mobile computer carts directly impacts clinician workflow, and ultimately patient satisfaction. To better serve you, InfoLogix conducted a survey of over 70 IT and nursing professionals to provide suggestions on how to improve functionality and performance of our mobile computer carts. More than 87% expressed a strong need for improved battery life, reliability and charge time. The new InfoLogix ST7 Lithium Iron Phosphate (LiFe) Battery does just that - recharges in about one hour, a fraction of the time it takes other batteries*, and provides an efficient and uninterrupted power source for a full shift. The advanced technology of the ST7 LiFe Battery also provides superior cell protection, eliminating the safety risks of high temperature issues associated with Lithium Ion, Sealed Lead Acid (SLA) and Nickel Metal Hydride batteries.

Battery Management Software

Have you ever lost patient information due to battery exhaustion while entering data? Reentering records is not only frustrating but it takes time away from your primary responsibility of caring for your patients. The main function of the InfoLogix Battery Management Software is to continuously measure and display the available battery runtime. It also provides important notifications to the user via visual on-screen displays as well as helpful emails that convey battery status alerts even if the user is not observing the computer screen at the time of notification.

*InfoLogix has tested the ST7 LiFe Battery cells to be more than 5x the cycles of standard batteries.

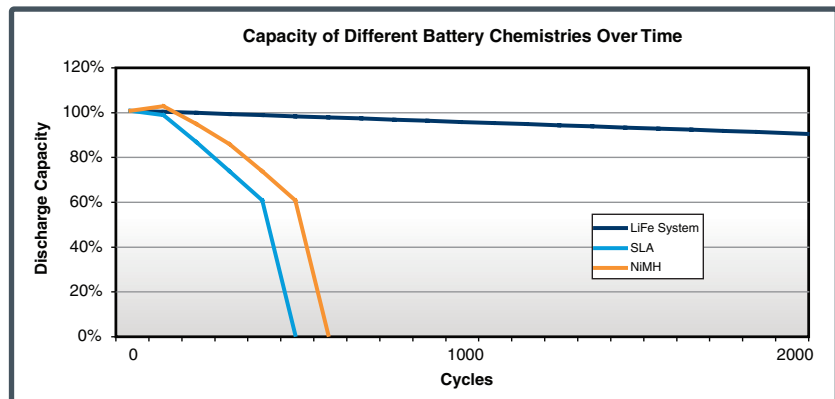
High Capacity Features and Specifications

Our new high performance ST7 LiFe Battery includes the following standard features:

- UL/CSA 60601-1 (pending)
- Recharge Time: Approximately one hour
- Weight: Under 20 lbs.
- Run Time: Laptop, 15 – 17 hours
- Run Time: PowerCube II & Monitor, 6-10 hours
- 3000 cycles, at least 5x that of standard batteries*
- Slower rate of capacity loss over time than standard batteries.
- Overheating resistant
- DC Output Only
 - Unlike AC, a direct DC output does not require the use of an external power supply or “brick”, resulting in a more efficient and longer lasting battery with reduced cable management clutter.
- Two Main Software Programmable DC outputs
 - Voltage Range: 3 – 24 Volts DC
 - Current output: 0 – 10 Amps
- One Auxiliary Software Programmable DC output
- Programmable power system management software provides on-screen battery strength
- Using the computer while the battery is plugged in does not increase the charge time
- Ready to go. No calibration required – out of the box and fully charged
- Fast, easy battery replacement: Less than five minutes
- Cells are encased in a vented aluminum enclosure to provide superior protection against deformation and puncture
- 24/7 Help Desk Support

Performance Expectations

Many factors are involved in choosing the best power supply for your hospital environments. For instance, a typical laptop computer will use half the power of a full PC with LCD screen. In many cases, the goal of a mobile battery solution is to run for a full work shift. Another factor is the amount of downtime it takes a mobile computer cart to fully charge. The InfoLogix ST7 LiFe Battery is recharged in about one hour – minimizing the amount of time your computer is stationary. Plus, with fewer battery replacements needed over the life of the mobile workstation, total cost of ownership will be lower. Below is a performance comparison chart of the most common power systems used in hospitals today.



Engineering Excellence

InfoLogix is a leading provider of enterprise mobility solutions and is dedicated to the advancement of technology, quality engineering and user safety and ergonomics. The superior technology, extremely compact form and broad compatibility of the ST7 LiFe Battery provides the perfect foundation on which to build a reliable mobile computer cart solution. Contact an InfoLogix representative today to learn about how we can help maintain clinical productivity and improve nurse-to-patient time.

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101 E. County Line Road
Hatboro, PA 19040

LEARN MORE:

www.infologix.com
info@infologix.com | 215.604.0691

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