ULTRALIFE

X5-SuperLite Battery System

USB-C Hot Swap Power For Medical Carts, Laptops, and Mobile Devices

The X5-Superlite System is an advanced DC-to-DC power solution engineered specifically for medical cart applications. Its high-efficiency design delivers more usable power with longer run times and reduced energy loss—keeping clinical devices operational for longer periods between charges. With its true hot-swap capability, batteries can be exchanged without any interruption to power, ensuring continuous operation of vital equipment and greater safety in demanding healthcare environments.

The X5-Superlite System is compact and lightweight, USB-C ready, hot-swappable, and can be daisy chained for continuous power delivery. Options include a State of Charge Indicator display (SOCI) to keep medical teams alert to remaining power supply, and a Hold Up Battery (HUB) for power backup during hot-swap to eliminate any potential power loss. Batteries recharge in 2.5 hours for maximum power availability to support laptops, tablets, monitors, handheld devices, printers and powered carts.

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Features and Benefits

X5-Superlite Cradle

- Safe, reliable, lightweight power supply
- Easily power USB-C compatible medical devices including laptops, AiO's, tablets, instruments and monitors
- 2 x USB-C connectors
- Charge the companion Lithium-Ion battery via AC mains using the USB-C charge (IN) port
- Directly power DC portable devices on a pole or mobile cart
- Sturdy, slender aluminium bracket allows for various mounting locations
- Quickly insert and remove the X5-Battery for recharge with 15° of tilt flexibility
- Durable battery locking latch with single handed release
- Supports simultaneous USB-C IN (charge) and OUT (discharge) operation

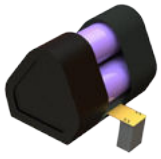
X5 Battery

- Hot-swap battery for use with X5-Superlite Cradle
- Robust and lightweight
- Full aluminium case & handle construction
- Rechargeable Lithium-Ion Phosphate
- Optimal endurance and safety
- Intuitive bi-directional docking simplifies use
- Smart-circuit technology for accurate fuel gauging
- Blue LED gas gauge indicator for quick capacity check
- Certified to the latest safety standards

State of Charge Indicator (SOCI)

- Compact 2.4" display pendant
- USB-C connectors allow the SOCI to be easily added or removed from the power system
- Dual battery monitoring with percentage and bar graph
- Separate connection for each battery allows for operation with one or two batteries at a time
- Estimated remaining time until battery depletion based on existing load
- Night mode and backlit capacitive touch controls
- Also available as on-screen display integration when used with Vision AiO

Hold Up Battery (HUB)



- Up to 5 minutes of device operation while batteries are hot swapped
- True hot-swap workflow - the HUB charges from the swappable battery as you work, removing the need to plug into an outlet
- Compact, lightweight, and out of sight
- Auto charge when idle
- Highly reliable Lithium-Ion technology ensures operation during hot-swap replacement

Debetrek Australia
☎ 1300 141 142
www.debetrekhealth.com.au

Debetrek New Zealand
☎ +64 9 886 2796
www.debetrek.co.nz

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