



# POWER BLADE™

## Dual-Battery LiFePO<sub>4</sub> Hot-Swap Power System for Jaco Medical Carts

- ✓ **More practical.** Two high-capacity batteries discharge one at a time, giving nurses hours (instead of minutes) to swap.
- ✓ **More powerful.** A full-sized spare battery is on the cart. 408 Wh total capacity means fewer swaps, fewer interruptions.
- ✓ **More affordable.** Fewer chargers needed; significantly reduced supply chain costs; potential to downsize cart fleet.

"Our nurses work non-stop – they can't wait for carts to recharge, or drop what they're doing because they have just two minutes to swap a battery. Jaco POWER BLADE's two-battery system is the only workable solution for powered mobile carts in our clinical environment."

- Rick Drass, Manager of Information Systems,  
Sarasota Memorial Health Care System

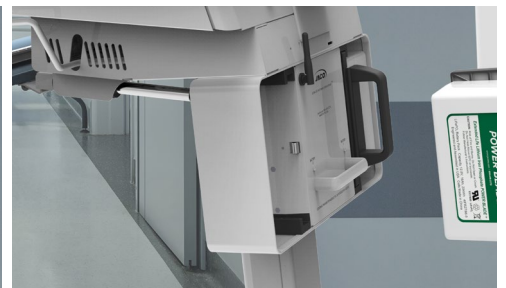


# POWER BLADE™

**Power so practical and affordable, you may never plug in again.** With POWER BLADE, LiFePO<sub>4</sub> hot-swap is no longer reserved for special applications – it's a safe, scalable, cost-effective mobile power solution for every department in your hospital.

- ✓ **Full-sized spare battery on every cart.** Two batteries per cart; 408 Wh total capacity.
- ✓ **Stress-free swapping.** Batteries discharge one at a time – nurses have hours (instead of minutes) to swap.
- ✓ **Fewer interruptions.** In many cases, power a full shift swapping just one battery, or none.
- ✓ **Recharge in 2 hours or less.** Easy to keep fresh cells ready; fewer chargers needed.
- ✓ **3-year/4,000-cycle battery warranty.** Long life lowers supply chain costs.
- ✓ **Lighter carts.** No on-board charger or UPS backup.
- ✓ **Maximum mobility and utilization.** Carts are always on and never plugged in.
- ✓ **Simple battery replacement.** No parts to install, no downtime.
- ✓ **Safe LiFePO<sub>4</sub> batteries.** Not vulnerable to thermal runaway, a cause of fire other lithium batteries.
- ✓ **Potential to downsize cart fleet.** Jaco customers estimate 10 POWER BLADE carts can do the work of 14 or more plug-in carts.

## Specifications



### POWER BLADE LiFePO<sub>4</sub> Battery

#### Warranty

3 years or 4,000 recharge cycles

#### Chemistry

Lithium Iron Phosphate (LiFePO<sub>4</sub>)

#### Capacity

204 Wh per battery

#### Dimensions

7" w x 6" h (including handle) x 3.5" d

#### Weight

4.9 lbs.

### Super Charger 2.0

#### Charge Time

Charges 2 batteries to 100% in 2 hours or less

#### Input

120 VAC, 60Hz, 2.5 Amp maximum

#### Wall Mount Overall Size

17.25" w x 9.26" h x 4" d

#### Tabletop Overall Size

17.25" w x 8.7" h x 6.75" d

### On-Cart Power System

#### Output

120V pure sine wave AC

#### Capacity

408 Wh (dual battery)

#### Embedded Software

Web-based power monitoring application

#### Networking

Built-in WiFi (802.11b) radio

**Simple. Solid. Smart.**