

C-Series: C48

48V ADVANCED LITHIUM-ION BATTERY PACK

SWITCH TO A HIGHER-PERFORMING AND
LONGER-LASTING LITHIUM-ION BATTERY PACK

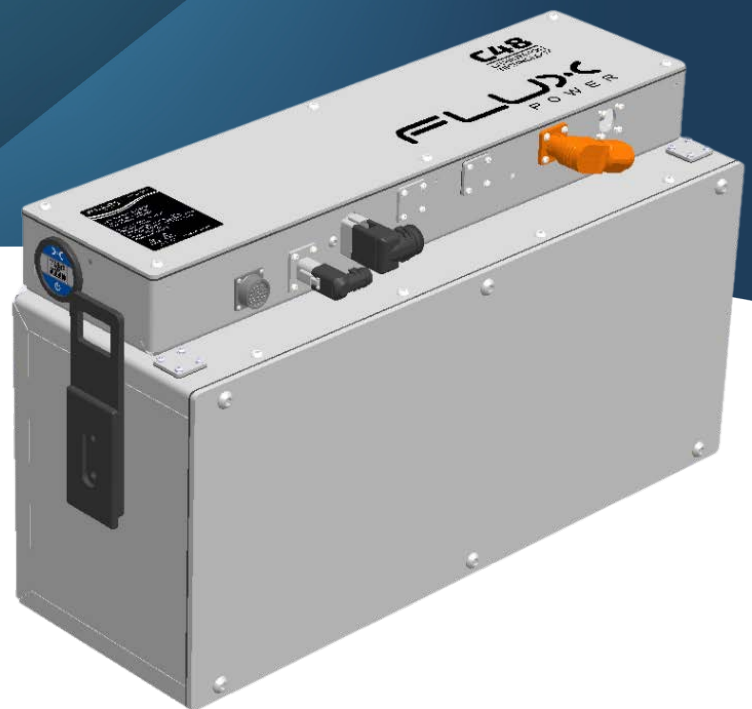
Dramatically Lowers Your Costs!

Safer Technology!

Improved Productivity!

ADVANCED LITHIUM-ION TECHNOLOGY

- Higher sustained power, minimal voltage drop-off
- Fast charge in as little as two hours
- Safe - UL Listed BMS, fusing, and BMS controlled contactor
- 3,500 cycles at 80% depth of discharge
- No maintenance required
- Energy efficient with >95% charge efficiency
- Industrial grade constructions and components



SOLUTIONS FOR
AGVs/AMRs, Floor Cleaning
& Stationary Energy Storage

FLUX POWER

fluxpower.com

SPECIFICATIONS C-Series: C48

CALL 877-505-3589

LENGTH	29.4 in (74.7cm)
WIDTH	10.0 in (25.4cm)
HEIGHT	16.4 in (41.7 cm)
AVAILABLE CAPACITIES	210 Ah / 10.8 kWh
SYSTEM / NOMINAL VOLTAGE	48 V / 51.2 V
MAX CONTINUOUS CHARGE CURRENT (EXTERNAL)	125 A
MAX CONTINUOUS DISCHARGE CURRENT	100 A
CHARGE TEMPERATURE RANGE	32 ° F to 113 ° F (0 ° C to 45 ° C)
DISCHARGE TEMPERATURE RANGE	-4 ° F to 131 ° F (-20 ° C to 55 ° C)
CABLE LENGTH AND POSITION (STANDARD)	24.0 in (61.0 cm) / Position C
WEIGHT	235 lbs (107 kg)

HOW FLUX POWER TECHNOLOGY MAKES THE DIFFERENCE

BATTERY MANAGEMENT SYSTEM (BMS)

The BMS is designed and developed by Flux Power in Southern California. Industry tested, UL tested, and fully optimized, the patented BMS and proprietary software ensure your battery provides peak performance while keeping the battery cells healthy and safe. Safety features include extreme temperature protection, overcharge/over discharge protection, and high current protection. All Flux Power batteries are designed and built to UL standards.

FULL INTEGRATION

The C48 battery pack is capable of integrating with different equipment over CAN. This provides a seamless transition for operators when switching to lithium-ion.

Integration features include:

- Accurate battery discharge indicator
- Device trouble code (DTC) reporting
- Early warning for safe shutdown

LITHIUM-ION CELLS

Flux Power has optimized the safety and performance of lithium-ion for material handling equipment and other industrial applications. Our cells are UL tested, and use one of the safest and most stable lithium chemistry available.

OPTIONS

- Integrated heaters for cold temperature applications



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