

M-Series: M24

24V 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!

"Next Generation"

ADVANCED LITHIUM-ION TECHNOLOGY

- Higher sustained power, with no voltage drop-off
- Fast charge in as little as one hour
- Safe – No acid spills or combustible gas emissions
- Over 3500 cycles at 80% depth of discharge
- Up to 45% lower cost – fewer replacements needed
- No battery swapping required for multi-shift applications
- No Required Maintenance
- Typically uses 40% less energy



SOLUTIONS FOR
Class III Equipment Including
End Riders & Center Riders

FLUX POWER

fluxpower.com

SPECIFICATIONS **M-Series: M24**

CALL 877-505-3589

LENGTH	30.8 in (78.2 cm)
WIDTH	13.0 in (33.0 cm)
HEIGHT	21.1 in (53.6 cm)
AVAILABLE CAPACITIES	420 Ah (10 kWh)
SYSTEM / NOMINAL VOLTAGE	24 V / 25.6 V
MAX CONTINUOUS CHARGE CURRENT (EXTERNAL)	280 A
MAX CONTINUOUS DISCHARGE CURRENT	280 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	980 lbs (445 kg)

HOW FLUX POWER TECHNOLOGY MAKES THE DIFFERENCE

BATTERY MANAGEMENT SYSTEM (BMS)

The integral BMS, which is UL Listed, was designed and developed in-house, assuring a fully optimized solution for demanding material handling applications. The patented BMS software ensures the battery provides peak performance at all times when in operation (even at low charge levels), delivers longer run times between charges, and maximizes the total battery lifespan. All Flux Power batteries are designed and built to meet UL standards.

FULL INTEGRATION

The M-Series battery pack is capable of integrating with forklift trucks over CAN. This provides a seamless transition for operators when switching to lithium-ion. The integration features include:

- Improved SOC gauge for easier readability
- Lift lockout at low state of charge
- UL 1642 & UL 2580 Listed

LITHIUM-ION CELLS

Flux Power has optimized the safety and performance of lithium-ion for material handling equipment and other industrial applications. Lithium Iron Phosphate (LiFePO₄) cells were selected because they are one of the safest choices compared to other lithium-ion chemistries.

OPTIONS

- Heater
- Onboard Charger

FLUX 
POWER