LiFT Pack M-Series: M36

36V ADVANCED LITHIUM-ION BATTERY PACK

SWITCH TO THE NEW, HIGHER-PERFORMING AND LONGER-LASTING LITHIUM-ION BATTERY PACK

Dramatically Lowers Your Costs!

Safer Technology!

Improved Productivity!

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
- Maintenance Free
- Typically uses 40% less energy

SOLUTIONS FOR
Class II Narrow Aisle Forklifts

FLUX POWER

fluxpower.com

SPECIFICATIONS LiFT Pack M-Series: M36

CALL 877-505-3589

LENGTH	37.9 in (96.3 cm)
WIDTH	13.0 in (33.0 cm)
HEIGHT	31.0 in (78.7 cm)
AVAILABLE CAPACITIES	600 Ah (21.6 kWh)
SYSTEM / NOMINAL VOLTAGE	36 V / 38.4 V
MAX CONTINUOUS CHARGE CURRENT (EXTERNAL)	350 A
MAX CONTINUOUS DISCHARGE CURRENT	350 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	1080 lbs (490 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 LiFT Pack M-Series 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:

- Accurate battery discharge indicator
- Lift lockout at low state of charge
- 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. Lithium Iron Phosphate (LiFePO4) cells were selected because they are one of the safest choices compared to other lithium-ion chemistries.

OPTIONS

- Integrated heaters for cold temperature applications

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