

# Flux LiFT Pack M1™

## ADVANCED LITHIUM BATTERY



**FOR:**  
**Class 2 Forklifts**

**SWITCH TO THE NEW HIGHER PERFORMING AND LONGER LASTING FLUX LITHIUM BATTERY, FOR GREATLY IMPROVED PRODUCTIVITY AND EASIER USE THAT ALSO DRAMATICALLY LOWERS YOUR COSTS.**

Flux battery model: **FLUX-M1**

COMPARED TO LEAD-ACID

### OUTLASTS

- ◆ 2000 cycles at 80% depth of discharge
- ◆ Up to 80% longer run time
- ◆ Higher sustained power during every work shift

### OUTPERFORMS

- ◆ More power, more energy
- ◆ Up to one hour fast charge
- ◆ Environmentally Friendly - No acid spills, corrosion, sulfation or contamination

### LOWER COST \$\$\$

- ◆ Up to 45% lower cost - fewer replacements needed
- ◆ Maintenance-free
- ◆ Fewer batteries needed for multi-shift applications
- ◆ Typically uses 60% less energy

## HOW FLUX TECHNOLOGY MAKES THE DIFFERENCE:

### Battery Management System (Flux BMS)

This patented software integral to the LiFT Pack ensures the battery performs at its maximum for longer run times between charges, at all times when in operation (even at lower charges) and extends the total lifespan. In addition, the battery can be temperature controlled for cold weather applications.

### Lithium-ion Cells:

Lithium has replaced lead-acid as the preferred technology in batteries for everything from phones to cameras. Now Flux has optimized the performance of lithium for more powerful industrial and vehicle needs.

### Full Integration:

The Flux 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

SPECIFICATIONS	Flux LiFT Pack M1
LENGTH	37.78"
WIDTH	13"
HEIGHT*	30.9"
SYSTEM VOLTAGE	38.4V
CAPACITY	400Ah - 600Ah
CYCLE LIFE	>2000 @ 80% DOD >3000 @ 70% DOD
MAX CONTINUOUS CURRENT	250 Amps
CHARGE TEMPERATURE <sup>1</sup>	0°C to 45°C (32°F to 113°F)
DISCHARGE TEMPERATURE <sup>1</sup>	-20°C to 55°C (-4°F to 131°F)
CHARGER INPUT	Compatible with most external chargers
WEIGHT	Adjustable

\*Does not include lifting holes.

Specifications subject to change without notice.  
Contact Flux Power for the most up to date specs.