

G2-Series: L36

36V 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, no voltage drop-off
- Fast charge in as little as two hours
- Safe - No acid spills or combustible gas emissions
- 3,500 cycles at 80% depth of discharge
- No battery swapping required for multi-shift applications
- Typically uses 30% less energy compared to lead acid.



SOLUTIONS FOR
Class I & II Equipment
Including 3-Wheel Forklifts

FLUX POWER

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	L36-630-G2	L36-840-G2
LENGTH	28.4 in (72 cm)	
WIDTH	20.1 in (51.1 cm)	
HEIGHT	21.9 in (55.5 cm)	
AVAILABLE CAPACITIES	630 Ah (24.1 kWh)	840 Ah (32.3kWh)
SYSTEM / NOMINAL VOLTAGE	36 V / 38.4 V	
MAX CHARGE CURRENT (EXTERNAL)	350 A	
MAX 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)	
STANDARD CABLE LENGTH	24.0 in (61.0 cm)	
WEIGHT (±20 %) (LBS/KG)*	612 lb (277 kg)	657 lbs (298 kg)

* Truck adapters available to meet OEM weight requirements.

HOW FLUX POWER TECHNOLOGY MAKES THE DIFFERENCE

BATTERY MANAGEMENT SYSTEM (BMS)

The integrated Battery Management System (BMS) is designed and developed by Flux Power in Southern California. Flux Power's BMS is UL approved and fully optimized to provide peak battery performance (even at low charge levels) while keeping the cells safe and healthy. Safety features include protection from extreme temperature environments, overcharge/discharge, high current, and drive-away protection. All Flux Power batteries come standard with this BMS built in and meet UL standards.

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.

STANDARD FEATURES

- Early warning for safe shutdown
- Device trouble code (DTC) reporting
- Accurate battery discharge indicator
- CAN enabled
- Integrated heaters for cold temperature applications



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