

S-Series: S24

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!

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 75% lower cost – fewer replacements needed
- No battery swapping required for multi-shift applications
- No maintenance required
- Typically uses 30% less energy



SOLUTIONS FOR
Walkie Pallet Jacks

FLUX POWER

fluxpower.com

SPECIFICATIONS S-Series: S24

CALL 877-505-3589

LENGTH	22.9 in (58.2 cm)	
WIDTH	7.5 in (19.1 cm)	
HEIGHT	24.7 in (62.6 cm)	
AVAILABLE CAPACITIES	105 Ah (2.5 kWh)	210 Ah (5.0 kWh)
SYSTEM / NOMINAL VOLTAGE	24 V / 25.6 V	
MAX CONTINUOUS CHARGE CURRENT (EXTERNAL)	50 A	100 A
MAX CONTINUOUS CHARGE CURRENT (INTERNAL)*	25 A	
MAX CONTINUOUS DISCHARGE CURRENT	25 A	50 A
CHARGE TEMPERATURE RANGE	32 °F to 113 °F (0 °C to 45 °C) Heater Option: -4 °F to 113 °F (-20 °C to 45 °C)	
DISCHARGE TEMPERATURE RANGE	32 °F to 131 °F (0 °C to 55 °C) Heater Option: -4 °F to 131 °F (-20 °C to 55 °C)	
CABLE LENGTH AND POSITION (STANDARD)	Length as needed / Position B	
WEIGHT**	120 lbs (54 kg) / 145 lbs (66 kg) / 155 lbs (70 kg) 195 lbs (88 kg) / 200 lbs (91 kg) / 250 lbs (113 kg)	

* Only with truck adapter or mounted separately on truck.

** Truck adapters available to meet OEM weight requirements.

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 FEATURES

The modern clean design supports superior functionality to allow easier and more efficient use by operators:

- UL 2271 Listed
- IP 67 rating (submersible for 30 min)
- Easily serviceable while installed in equipment

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
- 25A high efficiency IP66 integrated charger

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