

# S-Series: S8

## 24V ADVANCED LITHIUM-ION BATTERY PACK

SWITCH TO A HIGHER-PERFORMING AND LONGER-LASTING LITHIUM-ION BATTERY PACK

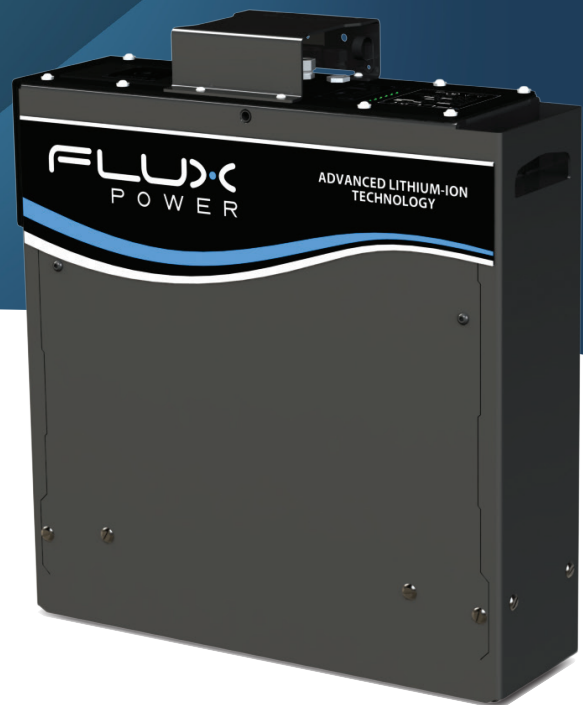
**Dramatically** Lowers Your Costs!

**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
- Maintenance free
- Typically uses 30% less energy



SOLUTIONS FOR  
**Walkie Pallet Jacks**

**FLUX** POWER

[fluxpower.com](http://fluxpower.com)

# SPECIFICATIONS S-Series: S8

CALL 877-505-3589

LENGTH	25.6 in (65.0 cm)	
WIDTH	7.7 in (19.6 cm)	
HEIGHT	28.9 in (73.4 cm)	
AVAILABLE CAPACITIES	75 Ah (1.8 kWh)	105 Ah (2.5 kWh)
SYSTEM / NOMINAL VOLTAGE	24 V / 25.6 V	
MAX CONTINUOUS CHARGE CURRENT (EXTERNAL)	100 A	
MAX CONTINUOUS CHARGE CURRENT (INTERNAL)	25 A	
MAX CONTINUOUS DISCHARGE CURRENT	100 A	
CHARGE TEMPERATURE RANGE	32° F to 113° F (-4° C to 45° C)	
DISCHARGE TEMPERATURE RANGE	-4° F to 131° F (-20° C to 55° C)	
CABLE LENGTH AND POSITION (STANDARD)	20.0 in (50.8 cm) / Position AB	
WEIGHT	220 lbs (100 kg) or 330 lbs (150 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 FEATURES

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

- Accurate battery discharge indicator
- Low state of charge buzzer
- IP 56 rating for power washing

### 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 (LiFePO<sub>4</sub>) cells were selected because they are one of the safest choices compared to other lithium-ion chemistries.

### OPTIONS

- Integrated heaters for cold temperature applications (105 Ah only)
- 25A high efficiency onboard charger

