

Flux GSE Pack™

ADVANCED LITHIUM BATTERY



FOR:
Ground Support Equipment

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-GSE**

COMPARED TO LEAD-ACID

OUTLASTS

- ◆ 2000 cycles at 80% depth of discharge
- ◆ Up to 25% longer run time
- ◆ Higher sustained power during every work shift

OUTPERFORMS

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

LOWER COST \$\$\$

- ◆ Up to 75% lower cost - fewer replacements needed
- ◆ Maintenance-free
- ◆ Fewer batteries needed for multi-shift applications

HOW FLUX TECHNOLOGY MAKES THE DIFFERENCE:

Battery Management System (Flux BMS)

This patented software integral to the GSE 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 is 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 Baggage/Cargo Tractor Integration:

The Flux GSE Pack is capable of integrating with baggage/cargo tractors. This provides a seamless transition for operators when switching to lithium-ion. The integrated baggage/cargo tractor features include:

- ◆ Accurate battery discharge indicator
- ◆ Reduced baggage/cargo tractor speed at low state of charge

SPECIFICATIONS	Flux GSE G1	Flux GSE G2
CAPACITY	100 Ah - 400 Ah	500 Ah - 600 Ah
LENGTH	35.26"	35.26"
WIDTH	26.26"	38.96"
HEIGHT	25.73"	25.73"
SYSTEM VOLTAGE	80V (76.8V nominal)	
CYCLE LIFE	>2000 @ 80% DOD >3000 @ 70% DOD	
MAX CONTINUOUS CURRENT	350 Amps	
MAX PEAK CURRENT (<1s)	700 Amps	
CHARGE TEMPERATURE ¹	0°C to 45°C (32°F to 113°F)	
DISCHARGE TEMPERATURE ¹	-20°C to 55°C (-4°F to 131°F)	
CHARGER INPUT	Compatible with Posicharge (external)	
WEIGHT (ADJUSTABLE)	1500 lbs	2100 lbs

¹The temperature controlled battery heats to 15C in cold weather applications.