



# 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
- ◆ Lighter weight - move more, faster
- ◆ 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 Pack 300 Ah & 400 Ah

HEIGHT	30.5"
WIDTH	26.3"
LENGTH	36.5"
SYSTEM VOLTAGE	80V (76.8V nominal)
CYCLE LIFE	>2000 @ 80% DOD >3000 @ 70% DOD
MAX CONTINUOUS CURRENT	200 Amps
MAX PEAK CURRENT	350 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 Posicharge (external) Max Charge Current: 200 Amps

<sup>1</sup>The temperature controlled battery heats to 15C in cold weather applications.

For a quote contact  
Averest at: 404-254-6172

