

## ADVANCED LITHIUM-ION BATTERY

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

**Dramatically** Lowers Your Costs!

**Safer** Technology!

**No** Water Maintenance!

**Zero** Emissions!



## SOLUTIONS FOR Airport Ground Support Equipment (GSE)



**FLUX** POWER

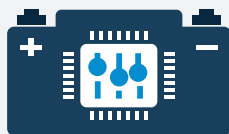
[fluxpower.com](http://fluxpower.com)

|   | GSE2                              | GSE3                                     | GSE4                                      | GSE6                                      |
|---|-----------------------------------|--|---|---|
| LENGTH                                    | 44.2 in (112.3 cm)                | 35.3 in (89.7 cm)                        | 35.3 in (89.7 cm)                         | 35.3 in (89.7 cm)                         |
| WIDTH                                     | 14.0 in (35.6 cm)                 | 19.9 in (50.5 cm)                        | 26.3 in (66.8 cm)                         | 39.3 in (99.8 cm)                         |
| HEIGHT                                    | 22.5 in (57.2 cm)                 | 26.2 in (66.5 cm)                        | 26.2 in (66.5 cm)                         | 26.0 in (66.1 cm)                         |
| AVAILABLE CAPACITIES                      | 200 Ah (16 kWh)                   | 200 Ah (16 kWh)<br>300 Ah (24 kWh)       | 300 Ah (24 kWh)<br>400 Ah (32 kWh)        | 500 Ah (40 kWh)<br>600 Ah (48 kWh)        |
| SYSTEM / NOMINAL VOLTAGE                  | 80 V / 76.8 V                     |  |   |   |
| MAX CONTINUOUS CHARGE CURRENT (EXTERNAL)* | 200 A                             | 300 A                                    | 350 A                                     | 350 A                                     |
| CHARGE TEMPERATURE RANGE                  | 32 °F to 131 °F (0 °C to 55 °C)   |  |   |   |
| DISCHARGE TEMPERATURE RANGE               | -4 °F to 131 °F (-20 °C to 55 °C) |  |   |   |
| WEIGHT                                    | 760 lbs (345 kg)                  | 847 lbs (385 kg) to<br>1100 lbs (499 kg) | 1150 lbs (522 kg) to<br>1403 lbs (637 kg) | 1727 lbs (784 kg) to<br>1980 lbs (899 kg) |

\* Customized charge profiles with higher charge currents available depending on application.

## CONTROL

### Battery Management System



The integral BMS, which is UL Listed, was designed and developed in-house, assuring a fully optimized solution for demanding GSE applications. The patented BMS software ensures the battery provides peak performance at all times, delivers longer run times between charges, and maximizes the total battery lifespan.

## SAFETY

### New Industry Standard

Flux Power has optimized the performance of lithium-ion for GSE to provide a safer and cleaner alternative for the airline industry.

