

GSE Pack

ADVANCED LITHIUM-ION BATTERY

SWITCH TO A 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

	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)	39.0 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	210 Ah (16.8 kWh)	315 Ah (25.2 kWh)	315 Ah (25.2 kWh) 420 Ah (33.6 kWh)	630 Ah (50.4 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	535 lbs (243 kg)	875 lbs (397 kg)	925 lbs (420 kg) or 1178 lbs (534 kg)	1753 lbs (795 kg)

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

HOW FLUX POWER TECHNOLOGY MAKES THE DIFFERENCE

CONTROL

Battery Management System

The BMS 2.0 was designed and developed in-house, assuring a more optimized experience for GSE applications. This patented BMS software comes with new improvements such as:

- Sleep mode for automatic shutoffs
- Updated software to monitor individual cells for more accurate fleet data
- Isolated external CANbus for seamless GSE integration

CAPABILITIES

New Industry Developments

High voltage battery packs allow for ground support equipment to meet the heavy demands of travel. With a high voltage battery pack, GSE can experience:

- Shorter charge times
- Longer run times

Flux Power can deliver GSE Packs from 80V up to 400V, to provide sustainable power to any application.

