

Mainship battery chargers

Lithium battery charger unit



Securaplane's battery chargers combine advanced power conversion with established battery charging technology, offering the highest input power quality and value-to-weight-and-size ratio in its class.

Our new, innovative battery chargers use advanced DC to DC conversion technology, patented charging algorithms, comprehensive diagnostics and fault isolation.

Our latest battery charger is the Boeing 787 BCU, which charges and manages the main ship lithium battery used for APU start and electrical system support.

Key features

- **Patented charging method**
Battery receives the optimum amount of charge for any temperature condition and state of charge.
- **Built-in Tests (BITs)**
Focused on lithium chemistry with diagnostic reporting to flight deck
- **Layered protection disconnect strategy for enhanced safety**
Solid state disconnect at the output stage for enhanced safety
- **Redundant housekeeping power supply**
- **Immunity to load sense lead failures**
- **Meets SC25-339 FAA guideline for lithium-ion battery safety**

Applications

- Lithium main battery charging and management

Approved installations

- Boeing 787 Dreamliner family

Securaplane

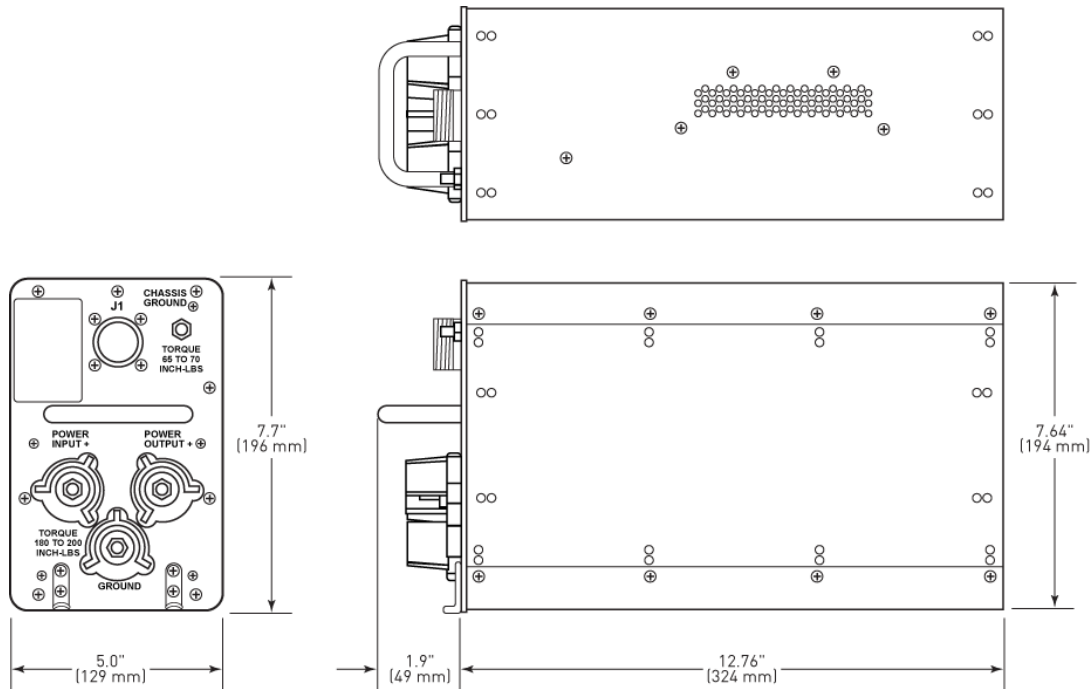
Our product competencies and services:
 Aircraft security systems | Airborne video cameras | Aircraft batteries | **Battery chargers** | Inverters | Converters | Wireless integration



Mainship battery chargers

Lithium battery charger unit

Specifications



Specification subject to change.
Images for illustration only.

Please contact Securaplane for installation data.

Physical characteristics

Part number

100-2608-0x

Size

14.7 x 5.0 x 7.7 inches (373 x 129 x 196 mm) max

Weight

11 lbs.(4.98 kg) max

J1 connector

IAW BACC63CU

Mounting

ATA600 rack mount

Power characteristics

Input power

- 23VDC minimum
- 80 Amps maximum

Output power

- 1500W maximum

Securaplane

12350 N Vistoso Park Road
Oro Valley AZ 85755
USA

Tel: +1 (520) 297 0844
Fax: +1 (520) 498 4924

www.securaplane.com
www.meggitt.com

MEGGITT
smart engineering for
extreme environments