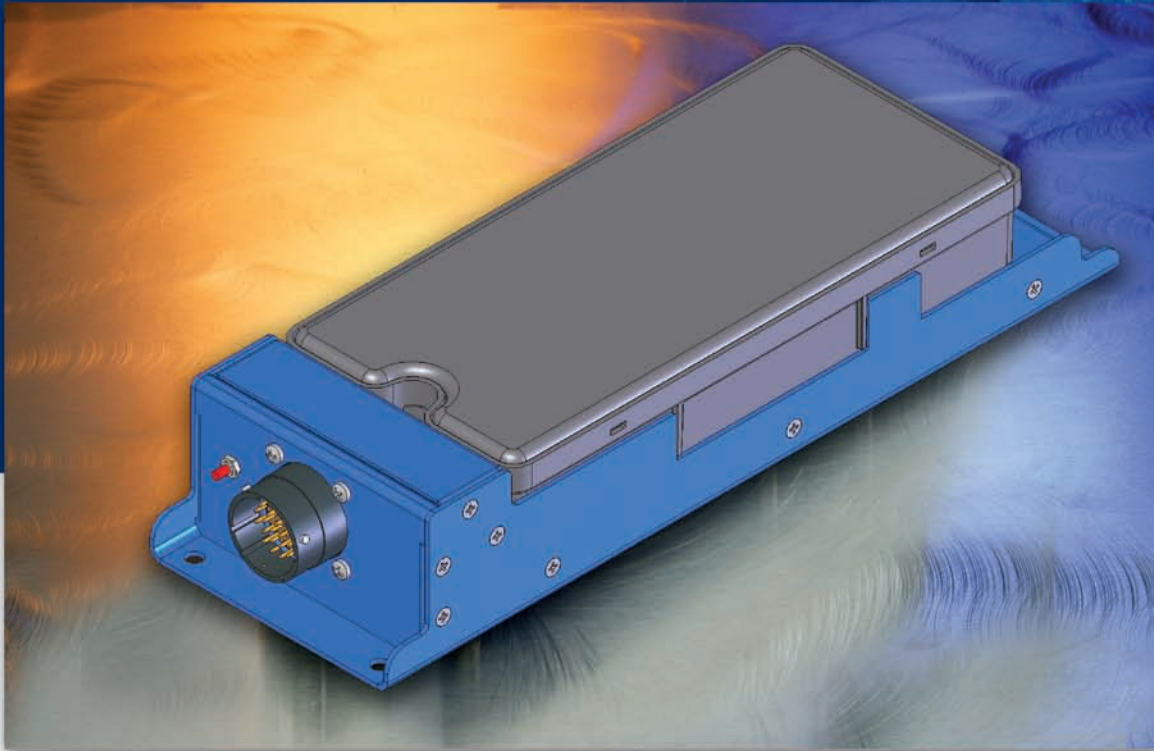


K600-105-001

RECHARGEABLE POWER SUPPLY FOR EMERGENCY LIGHTING SYSTEM



THE FUTURE OF EMERGENCY POWER

Day-Ray is among the first to develop new battery technology for emergency aircraft power that utilizes Lithium-Ion battery chemistry. The K600-105-001 rechargeable power supply is the next generation of emergency power. It saves weight and greatly reduces the maintenance required on an aircraft emergency lighting system. It also allows for reduced inventory due to fast charge capabilities, and eliminates dispatch delays caused by inadvertently discharged battery packs. This improved performance lowers costs today, and more importantly, over the life of the aircraft. With more than 30 years of experience designing and building emergency lighting systems for aircraft, Day-Ray is a recognized industry leader in emergency batteries and power supplies.



DAY-RAY'S LITHIUM-ION IS THE BETTER CHOICE

Saves Maintenance Time and Costs

- No memory effects and therefore does not require reconditioning.
- Extremely low self-discharge rate, enabling unit to be stored for up to 2 years and installed into service without charging or preparation.
- No scheduled maintenance required.

Eliminates Dispatch Delays

- 25-minute fast charge and reserve capacity for a second discharge, meaning aircraft can take off even if exit lights are left on after visual inspection.

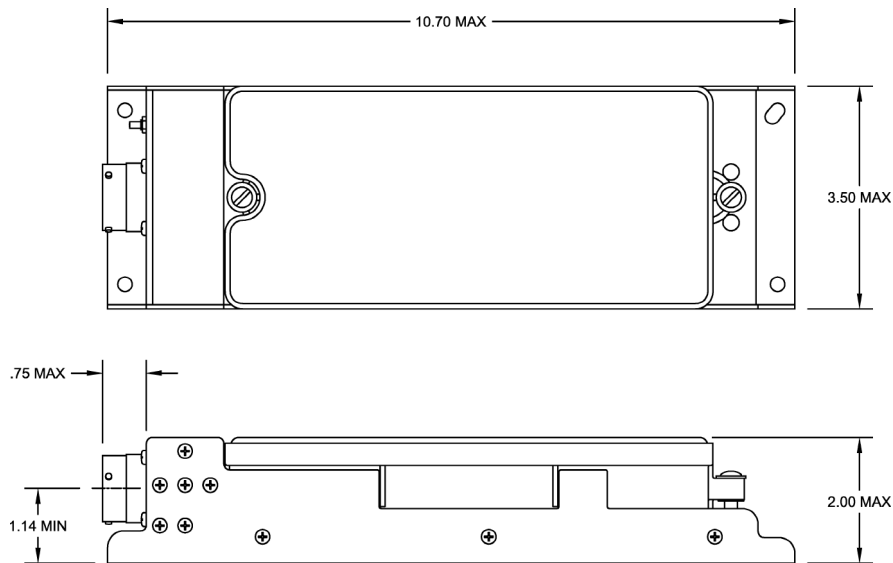
Saves Weight

- Extremely lightweight, offering a 20 to 24% weight savings over comparable nickel cadmium batteries.

Reduces Inventory Requirements

- Direct replacement to the Page and Radiant chargers without mounting or wiring changes.
- 25-minute fast charge eliminates need to hold charged battery packs in inventory.

DAY-RAY P/N
K600-105-001
REPLACES
D717-02-001 (Page Aerospace) BPS7-3 (Radiant) RPS1-B (Radiant)** 100865 (Bruce Industries)**
APPLICATION
737, 747, 757, 767, & 777 Aircraft



** With Harness Assembly

SPECIFICATIONS

Temperature Range

-40°C to +70°C operational

-55°C to +85°C short term storage

Altitude

-1,000 ft to 15,000ft operational

50,000 ft decompression

Humidity

RTCA/DO-160E Section 6 Category B

(Severe Environment)

Shocks and Crash Safety

RTCA/DO-160E Section 7 Category B

Vibration

RTCA/DO-160E Section 8 Type 2 Zone 1

Category C & H

EMI (RF Susceptibility)

RTCA/DO-160E Section 20 Category R

EMI (RF Emission)

RTCA/DO-160E Section 21 Category M

Input Voltage

28VDC nominal

Input Current

1.35A max fast charge mode

0.50A max normal charge mode

Output Power

6.28VDC regulated at 7.0A

6.1VDC minimum squib firing mode

Weight

38 oz. (2.38 lbs.) max.

The K600-105-001 is designed to meet or exceed the above specifications.



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