



THE AIRCRAFT BATTERY CHARGE/ DISCHARGE UNIT (ABCD)

Model No.: LI-ABCD-1901



THE AIRCRAFT BATTERY CHARGE/ DISCHARGE UNIT (ABCD)

Model No.: LI-ABCD-1901

The Aircraft Battery Charge/Discharge unit is built with a robust design, ensuring durability and suitability for field conditions. Specifically designed for Aircraft Batteries (Nickel-Cadmium) with a capacity of up to 30Ah, the ABCD serves the essential functions of both charging and discharging, facilitating periodical capacity tests (CT). With a focus on user convenience, the ABCD incorporates digital timers, displays, and straightforward operations, making it accessible for technicians with basic skill sets.

This Ni-Cad battery charger/discharger excels in efficiency, capable of charging batteries optimally within an hour without overheating while simultaneously reconditioning them. The unit goes beyond basic functionalities by offering multiple charging techniques, including Reflex and Constant Current. This comprehensive set of features positions the ABCD as a versatile and indispensable tool for maintaining and optimizing aircraft battery performance.

Technical Specifications	Details
Input Voltage	230 V +/- 15 V AC Single phase @ 47-53Hz
Input Current	5 Amps
Operating Temperature	-30 +/- 3 to +55 +/- 3
Charge Current	1. 0 -30Amps @ 1Amps resolution for constant current charge. 2. 0-30A (1C rate) for Reflex Charging mode
Discharge Current	0-30Amps @ 1 Amps resolution
Modes of Operation	1. Charge - Constant current charge and reflex charge 2. Discharge - Deep discharge and long distance
Type of Battery	Ni-Cd (Nickel Cadmium)
Battery Interface Connector	Provided (Mil Grade)
Cell Monitoring	Available - Provision for individual cell monitoring
Safety Features	1. Over voltage protection 2. Over load protection 3. Short circuit protection of outputs 4. Overheating protection - thermal cutoff
Dimensions	D: 610, W: 500, H: 460
Weight	<50kgs



LAVERSAB INDIA AVIATION PVT. LTD.

No. 75, 1st Floor, Above Union Bank of India
14th Cross, 1st Block, R. T. Nagar, Bengaluru 560 032

Mobile: +91 93412 28107 / 97420 81234

Email: shankar@laversabindia.in

grk@laversabindia.in

www.laversabindia.in