

- Modular charging system, allows for charging up to 40 batteries
- Fully operable in tactical environments
- 8 USB Ports (2.0A max on each port)
- Operates from both AC and DC power
- Multi-color display
- 5 LED State of Charge indicator, all charging bays
- State of Health indicator, all charging bays

Based on the Field Proven Modular Universal Battery Charger



Modular Bulk Charger



Modular Bulk Charger



The Modular Bulk Charger (MBC) is a bulk charger solution for charging multiple U.S. Department of Defense (DoD) batteries including AN/PRC-148B, AN/PRC-152, AN/PRC-154, BB-2590, and others. The MBC reduces the logistic footprint and costs when charging large numbers of batteries. The MBC is designed using a modular charging cup concept to allow charging combinations of multiple DoD batteries. The charger’s architecture is based on the fielded Modular Universal Battery Charger (MUBC) with the same familiar and simple user interface. Because the MBC uses the same architecture as the MUBC, it provides all advanced features provided by the MUBC, such as State of Health, State of Charge, and dynamic power distribution for every installed battery. The MBC operates from both AC and DC with cables provided with each system. It provides 8 USB ports for charging Smart Phones and Tablets.

Three charging cup variations are currently available: AN/PRC-148, AN/PRC-152, AN/PRC-154. New charging cup variants can be designed based on specific customer needs.

TECHNICAL SPECIFICATIONS

Key Features

- > AC Input 100-265 VAC
- > DC Input 22-28V
- > 15A AC Breaker
- > 20A DC Breaker
- > AC Power Strip Outlet provides up to 500 Watts
- > Charge power per bay to 40 Watts, depending on number and type of installed batteries
- > 30 Watts maximum charging power for AN/PRC-148, AN/PRC-152 and AN/PRC-154
- > 40 Watts total USB power for 8 ports, 10 Watts per pair or up to 2.0 Amps per pair

Physical Parameters

- > Length: < 25 inches
- > Width : < 20 inches
- > Depth: < 12 inches
- > Weight: 55 lbs

Environmental Specifications

- > ESD: per IEC 61000-4-2, 8KV Contact and 16KV Air Discharge
- > Operating Temperature: -10C° to +50C°
- > Storage Temperature: -40C° to +71C°
- > 810G Method 514.6 Procedure I
- > Shock: MIL-STD-810G, Method 516.6, Procedure I
- > Humidity: MIL-STD-810G, Method 507.5 Procedure II

Product Part Number and Configuration

	AN/PRC-148	AN/PRC-152	AN/PRC-154	BB-2590	USB
1100747-25555	X	X		X	X
1100747-26655	X	X	X	X	X



- > Non-U.S. Government sales are subject to U.S. Government approval.
- > Specifications are subject to change without notice.