ADAPTIVE BATTERY CHARGER™

RECHARGE MULTIPLE BATTERIES QUICKLY AND EFFICIENTLY WITH A SINGLE RUGGED SOLUTION.

NERV CENTR ADAPTIVE BATTERY CHARGER is an intelligent battery charging system that is uniquely flexible. Built to withstand the harsh conditions of expeditionary operations, the Adaptive Battery Charger can draw power from virtually any source, and can charge different types of batteries simultaneously – with no reprogramming needed. The intelligent plug-and-play power management system automatically evaluates the power source and adjusts charge rates to maximize power and minimize charge time. This lightweight, rugged, charging system reduces weight and bulk, simplifies logistics, and enhances operational capability – so troops can focus on their mission, not their batteries.

The Nerv Centr® Adaptive Battery Charger™ is smaller, lighter, and more cost-efficient than other military battery chargers – a signature design with state-of-the-art performance.

- **ADAPTABILITY** – Plug-in adapter cups quickly connect different battery types in a single step – without any user programming required
- **PRIORITY CHARGING** – Tops off the fullest battery first, to get you back to your mission as fast as possible, with a full battery
- **FAST, EFFICIENT, AND FLEXIBLE** – simultaneously charges different types of batteries quicker and more efficiently than other military battery chargers
- **PROVEN CAPABILITY** – Used and trusted by troops around the world, including segments of the U.S. Air Force, U.S. Army, U.S. Marine Corps, international military forces, first responder teams, and commercial users
- **RUGGED DURABILITY** – Impact-resistant, waterproof case ensures reliable operation in austere environments

TECHNICAL SPECIFICATIONS

	PART NUMBER	NSN
ABC	013-453	6130-01-677-7011

DIMENSIONS	19.78” x 15.77” x 7.41” (50.2 x 40.1 x 18.8 cm)
WEIGHT	13.6lbs (Without AC Adapter), 17lbs (with the AC Adapter)
BATTERY BAYS	4 Universal (accept up to 2 batteries per bay)
USB PORTS	4 Ports compatible with iPad and other large devices
GRAPHICAL DISPLAY	Backlit LCD Interface
CONTROL KEYPAD	Up, Down, Enter and Escape buttons
OPERATING TEMPERATURE	-20°C to 60°C
STORAGE TEMPERATURE	-30°C to 70°C
RUGGEDNESS	Meets MIL-STD-810G

POWER INPUT	7-52V at 20A
RATED POWER OUTPUT (WATTS)	400W
RATED VOLTAGE AT MPP (VDC)	52V
RATED CURRENT AT MPP (AMP)	20A
OPEN CIRCUIT VOLTAGE	60V
SHORT CIRCUIT CURRENT	50A
BAY PROTECTION	Over-voltage / current, Short-circuit, Reverse Polarity, Surge
USB OUTPUT	5A

BATTERY COMPATIBILITY	• AeroVironment® RQ-11B Raven® and RQ-20 Puma® • Aeryon Skyranger™ R60 (platform and ground station) • BB-2590 / -2001 / -2557 / -2600 / -2800 / -2847 • Conformal Wearable Battery (CWB) • Nerv Centr® SharePack® and SoloPack™ Batteries • PRC-148 / -152 / -153 / -154 • Vector™ 120 *Please contact us if you need support for a battery not listed.*

The Adaptive Battery Charger’s quick-change smart-adapter technology delivers true plug-and-play capabilities for superior ease of use and efficiency.

GALVION™

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