



**NERV CENTR®**



**REVISION.**



## Adaptive Battery Charger™

Recharge multiple batteries quickly and efficiently – with a single rugged solution.

*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.*



**THE 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.

- **RUGGED DURABILITY** – Impact-resistant, waterproof case ensures reliable operation in austere environments
- **FAST, EFFICIENT, AND FLEXIBLE** – simultaneously charges different types of batteries quicker and more efficiently than other military battery chargers
- **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
- **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



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

## Technical Specifications

<b>PART NUMBER</b>	013-453
<b>NSN</b>	6130-01-677-7011

### ELECTRICAL CHARACTERISTICS

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

### PHYSICAL CHARACTERISTICS

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

### BATTERY COMPATABILITY

<b>SUPPORTS</b>	<ul style="list-style-type: none"> <li>• AeroVironment® RQ-11B Raven® and RQ-20 Puma®</li> <li>• Aeryon Skyrainger™ R60 (platform and ground station)</li> <li>• BB-2590 / -2001 / -2557 / -2600 / -2800 / -2847</li> <li>• Conformal Wearable Battery (CWB)</li> <li>• Nerv Centr® SharePack® and SoloPack™ Batteries</li> <li>• PRC-148 / -152 / -153 / -154</li> <li>• Snap-on®, DeWalt® and Milwaukee® tool batteries*</li> <li>• Vector™ 120</li> </ul> <p><i>Please contact us if you need support for a battery not listed.</i></p>
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