



Mission Adaptive Charging Station

MAX-8



Recharge multiple batteries quickly and efficiently with a single rugged solution

NERV CENTR MISSION ADAPTIVE CHARGING STATION or MAX-8 is an intelligent battery charging system that is uniquely flexible. Built to withstand the harsh conditions of expeditionary operations, the MAX-8 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.

NEVER RUN OUT OF POWER

Specifications

Physical

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

Environmental

Operating Temperature

- -20°C to 60°C

Storage Temperature

- -30°C to 70°C

Ruggedness

- Meets MIL-STD-810G

Power

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 Skyraanger™ 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

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



The MAX-8's quick-change smart-adapter technology delivers true plug-and-play capabilities for superior ease of use and efficiency.