



NEVERDOWN™ POWER MANAGEMENT



- + **Safe:** Smart auto-shutoffs. ABS and UN38.3 transport certified
- + **Reliable:** Redundant, pure AC power sources for the entire system
- + **Efficient:** Dramatically reduce maintenance and operating costs
- + **Scalable:** Customizable power output and other characteristics
- + **Versatile:** Vehicle, trailer, maritized, and standalone (skid-mounted) applications

ENSURE MISSION CONTINUITY

In an era of increasingly complex mobile operations challenges, NeverDown™ Power Management by Nomad GCS keeps you connected and operational at all times, anywhere in the world... When every minute matters.

Robust, resilient power is the crux of modern mobile operations. NeverDown is a game-changing hybridized energy solution that's adaptable to all Nomad platforms and customizable to serve almost any mission profile. You'll save fuel, cut emissions, and run silently. Best of all, you'll manage NeverDown effortlessly with the intuitive and user-friendly Nomad Total Command™ (NTC) software, a single pane of glass for monitoring and controlling mission-critical mobile assets.



Product Design Assessment:

Certified by American Bureau of Shipping (ABS) for applications aboard U.S. flagged vessels

UN38.3 Certified:

Safe for air transportability (third party verified)

Customer Solutions Developed:

- United States Army
- Viasat, Inc.
- United States Air Force
- National Aeronautics and Space Administration (NASA)
- Cisco Systems, Inc.



NOMADGCS

WHEN EVERY MINUTE MATTERS

NOMADGCS.COM + 888.755.1721



NEVERDOWN™ POWER MANAGEMENT

OVERVIEW // TWO IS ONE, ONE IS NONE

Shelter power demands are served by a bank of batteries, replenished by engine-driven AC generator, engine-driven DC alternator, and/or shore power. An intelligent Battery Management System (BMS) keeps cells topped off. Three configurations meet nearly any output and form factor needs – 2, 4, or 8-hour silent runtimes.*

AVAILABLE POWER // ABUNDANT, STABLE, FLEXIBLE

NeverDown gives up to 8 hours of continuous *Mission-Critical Power* (HVAC, lights, and NTC) plus 6kW *Customer-Specified Power* (optional equipment). It can provide 20kW continuously until depletion, with 25.5kW surges for up to 30 minutes.*¹

ENERGY STORAGE // POWER YOU CAN BANK ON

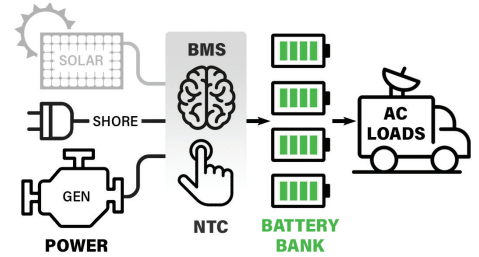
NeverDown's USA-manufactured lithium iron phosphate (LiFePo4) batteries are coupled with a BMS that monitors each cell for safety. Scale battery packs to your runtime, and inverters to your max load. Customize discharge/recharge profiles to save fuel, cut emissions, and provide silent operations (on-demand or scheduled).

NOMAD TOTAL COMMAND // YOUR SILENT PARTNER

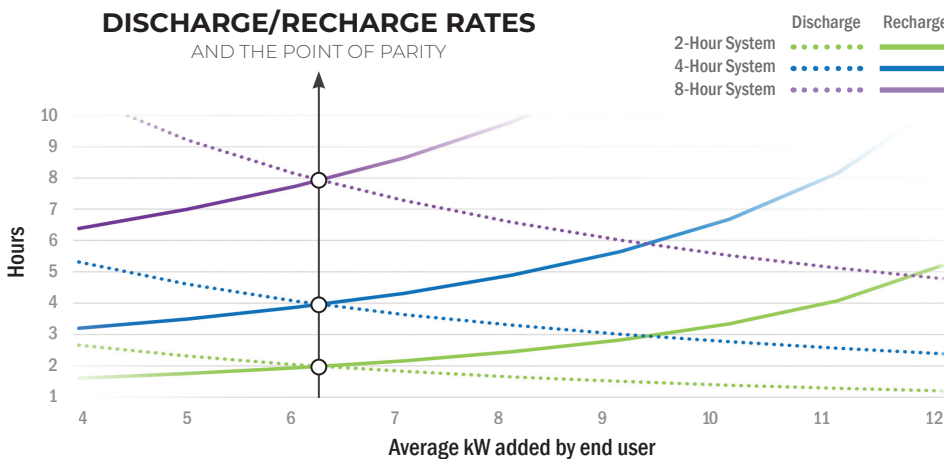
Monitor, control, and automate NeverDown with a touch. Get a unified operating picture and integrated command of critical systems. Deploy assets from any device, optimize connectivity on the fly, set up NIST-compliant authentication and logging. NTC vehicle management software (v4.0) does it all with ease.

* Figures are for the TCV-Max product line. Custom applications (runtimes, loads, etc.) are available on any Nomad product.

¹ Numbers calculated at a power factor of 1.0, at sea level, with an ambient temperature of 77°F and a 100% charge. Performance will degrade over time (~2700 cycles reducing batteries to ~80% of original capacity) and with use in extreme conditions.



DISCHARGE/RECHARGE RATES AND THE POINT OF PARITY



Note: Charge starts at ~30% battery capacity and stops at ~90%. These set points can be adjusted to meet performance requirements.

PERFORMANCE SPECIFICS

How can NeverDown Hybridized Power Management serve your needs now and remain flexible for the future?

Let's look at the graph...

With *Customer-Specified Power* of ~6kW (above standard *Mission-Critical Power*), one hour of vehicle runtime yields one hour of battery runtime. Battery packs can scale up or down, impacting runtime while maintaining that 1:1 parity at ~6kW.* This stable architecture means NeverDown can adapt to almost any use case.



NOMADGCS

WHEN EVERY MINUTE MATTERS
NOMADGCS.COM + 888.755.1721