

Rugged Portable Power



Charge from a 12V or 24V Vehicle

Connect to a 12V/24V port or car battery. 100W, 10 hour charge cable standard. High power integration available.



Charge from the Grid/Generator

Plug into a 120VAC or international source. 250W, 4 hour charge cable standard. Upgradable to 1000W, 1 hour charge time.



Charge from a Solar Panel

Plug in up to 4x solar panels. Solar accessories available. Use off the shelf solar panels.



8x Full Power USB Ports

8x IP67 (mated and unmated) USB Ports
2.1A Each, 16.8A Total
Works with every USB charging standard



Cellphones

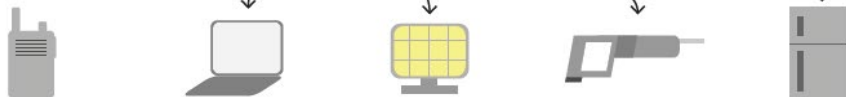
150 - 250 Charges
1 month of talk/data

Tablets

25-35 Charges
1.5 weeks of active use

120V 60Hz Pure Sine Inverter

4x Nema 5-15 Weather/Tamper Resistant Outlets
1250W (1000W) Continuous Rating
2000W (17A) Surge Rating



Radios

30-50 Charges
10-16 Days of comms

Laptops

10 - 25 Charges
50-200 Hours

Lighting

1 week of task lighting
24 hours of area lighting

Powertools

1 hour of drilling, cutting, sawing, grinding, and sanding

Refrigerator

1 Day - 18 cubic feet
2 Days - 5 cubic feet

Examples are isolated use cases. Results may vary based on equipment and operating conditions.

What sets the CORE apart from the competition?

- Can be stored for up to 2 years without degrading the battery
- 10-20 year operational life (2000 to 3,000 full discharge/recharge cycles)
- Recharge in 1.25 hours with optional fast charger (4 hours standard)
- Solar MPPT charging built in. 1,000 watt input capable
- Professional grade for Military and Emergency First Responders
- Made in the USA utilizing safe LFP (LiFeP04) battery technology

Military Battery Systems, Inc.

Contact: 970-586-0660 www.milbatteries.com



Core 1250

Technical Specifications

High Capacity, Durable LiFeP04 Battery

- 2000-3000 cycles

Powerful Outputs

- 1,250W continuous, 2000W surge AC output
- 8x IP66 USB ports, 2.1A each
- 4x 120v AC

Unmatched 1.25 Hour Charging Speed

- Up to 1000W charge input
- 4X 9A DC charging channels, 12.5V-42V input range
- Includes 4-hour charger 120-240VAC.
- Optional fast AC charger, 1.25 hours
- Charge from grid, solar or 12/24V vehicles

Durable and Rack Mount Ready

- 50lbs, 21.5" x 21.5" x 6.5"
- Drop, Shock, and Weather Resistant

Smart and Connected

- simple automatic controls
- advanced predictive SOC calculations
- wired or optional wireless remote monitoring



Optional Integrated Cradlepoint router to create a mobile, industrial hotspot. Compatible with all cellular carriers & FirstNet

Product Family

POWER PRODUCTS



CORE 1250
1.25kWh



CORE
7K,
7kWh

CELLULAR/WiFi PRODUCTS



NODE
Powered Hotspot



Hotspot
Portable Power
& Hotspot



SENTRY, Off grid security camera

970-586-0660

www.milbatteries.com

Rugged Powered Hotspot

the world's longest
running hotspot

and power for all
of your gear



Compatible with all major cellular carriers & FirstNet (+ Dual SIM capable)

4G LTE
connection
secure and encrypted

WiFi
dual band
802.11.1 a/b/g/n/ac

∞
runtime
with solar charging

1000W
AC power
for all your devices

2 carrier
simultaneous
automatic connection

128
devices
connected at once

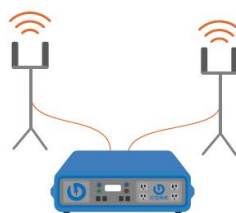
3 day
runtime
on a single charge

1.2 kWh
battery
2000+ cycle life

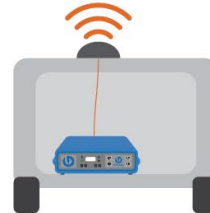
Flexible Antenna Options for Every Situation



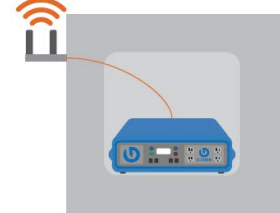
integrated



mast mount



vehical mount



building exterior

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The NODE Portable Hotspot

All-in-One Power + Secure Communications

40+ hr
runtime

on a single charge

8 lbs
lightweight

for easy portability



4G LTE
connection

secure and encrypted

WiFi
dual band

802.11 a/b/g/n/ac

The NODE creates an LTE backed WiFi “bubble” wherever you need it.

The NODE combines a rugged, Military grade battery and a Cradlepoint router in one easy-to-use box.

The internal battery can run the hotspot for 20+ hours on a single charge (40-hour battery optional).

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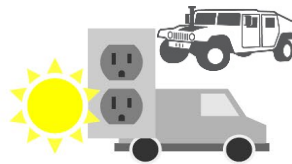
Button Operation

Simply press one button to activate the NODE. No extra steps needed.

IP65

Weatherproof

Safely operate and transport the NODE in any weather condition.



Flexible Charge

Charge the NODE from the wall, a vehicle, or a solar panel.



TSA Compliant

Check or Carry-On with the NODE's advanced safety technology.



- ✓ Integrated Cradlepoint IBR600 (optional IBR900)
- ✓ Custom, High Performance, Commercial Antenna Array -2x2 MiMo LTE + 2x2MiMo WiFi 2.4/5Ghz + Optional GPS
- ✓ 64 simultaneous users (128 with IBR900 router)
- ✓ Solar charging option
- ✓ Vehicle charger option
- ✓ Compact (10.2" x 7.9" X 4.5"). Drop resistant case
- ✓ Made in the USA!



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As of June 2021 - limited availability due to upgrade/redesign in progress

Rugged Portable Power



CORE 7K

Stand-alone Battery

With one Gridless 7000 you can put **two 20A circuits with 10kW of surge** right where you need them, without the cost and hassle of a generator.



or Hybrid Micro-grid

Add the Gridless 7000 to a generator and/or solar at a job site to **save fuel** and **run quiet at night**.



50%
reduction
generator
runtime

100%
elimination
off-shift fuel
consumption

**Silent
running**
when you need it

**Reduce
genset size**
with peak shaving

Technical Specifications

High Capacity, Durable LiFePO4 Battery

- + 7000Wh True Capacity
- + 2000-3000 Cycles

Powerful Outputs

- + 5kW Continuous, 10kW Surge AC Output
- + 2X Full 20A Circuits
- + 8X AC Outlets, 2X Twist Lock Outlets, 8X USB Outlets

Unmatched, 3.5 Hour Charging Speed

- + 2000W Total Charging Power
- + Charge from Wall, Solar, or Vehicle Power
- + 12.5V-42V Input Range

Portable, Rugged Case

- + 350lbs, 25.5" x 25.5" x 26"
- + Drop, Shock, and Weather Resistant

Smart and Connected

- + Simple, Automatic Controls
- + Advanced, Predictive SOC Calculations
- + Wired and wireless remote monitoring



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