



Energy  
independence  
within your reach

# THE HYBRID INVERTER

## NITRO<sup>®</sup> Inverter

### Lower your costs

Optimize peak demand (HILO) and net metering.

### Stay powered

Automatic backup—even without solar panels.

### Scalable

Up to 6 units in parallel, depending on power needs.

Smarter Energy Management

[nitroinverter.com](http://nitroinverter.com)

## Split-phase hybrid inverter 120/240 V



**The NITRO hybrid inverter is the maestro behind your smart energy management.**

It converts battery energy into usable power for your building, coordinates with the grid—and solar panels if available—to lower your costs and provide backup when needed.

Take control of your energy. Effortlessly.

## The NITRO Advantage

### Bill and Grid Optimization

- On-demand Hilo integration
- Net metering support

### Grid Management

- Custom event scheduling (GDP)
- Load curve stabilization

### Solar Performance

- 2 built-in advanced MPPTs

### Flexible Architecture

- Single-phase or three-phase options
- Up to 6 units in parallel
- Compatible with emergency generator startup (multi-brand)

Optimally compatible with lithium batteries and the Nitro rack.  
(Also works with lead-acid batteries)

### Connectivity & Monitoring

- Built-in Wi-Fi for remote control
- Data retrieval via Modbus
- CAN, USB, and RS485 communication

### Safety & Compliance

- 360° protection (short circuit, overload, undervoltage, overcurrent, etc.)
- Certified UL1741-SB, CSA C22.2 No. 107.1, IEEE 1547.1

### Modern Interface

- Sleek touchscreen – simple and intuitive

**5-year  
Warranty**



**CONTACT US FOR A CUSTOMIZED QUOTE FOR YOUR PROJECT**  
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