

# Single Channel

## Advanced Battery Management System



CAT # NDV9



### KEY BENEFITS

- + **Advanced iONbus® Technology:**  
Enables seamless communication between components for smart system diagnostics.
- + **NeverDie® Power Reserve:** Built-in safety shutdown at 10% battery.
- + **Suitable for Various Applications:**  
Versatile for RV, marine, commercial, and industrial use.

### Reliable Power, Seamless Integration

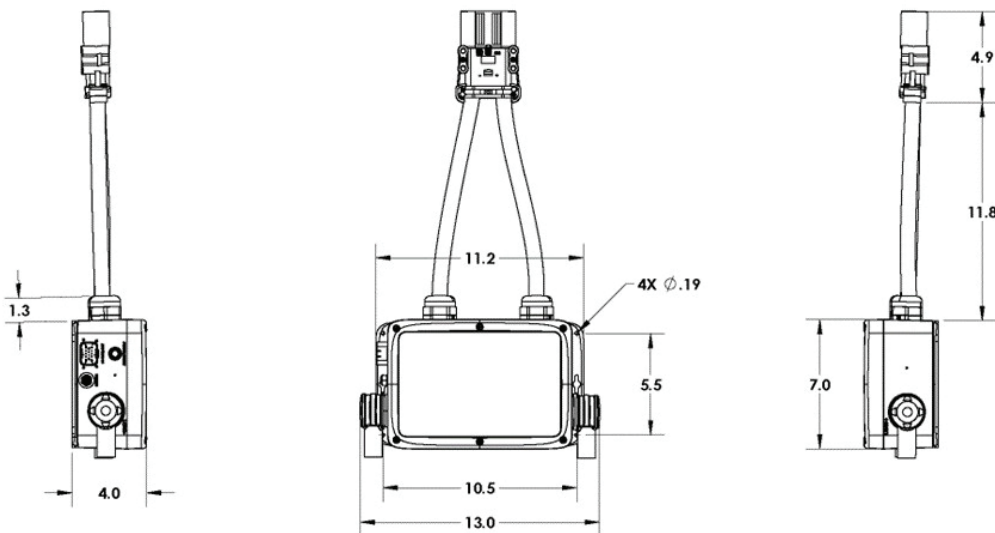
Experience peace of mind with Lithionics Bluetooth app for real-time monitoring and diagnostics. Optimize your battery usage utilizing our innovative Battery Management System (BMS). Easily connect multiple batteries to a single BMS by plugging directly into a combiner box.

### Voltage Options

12V: NDV9-12V  
24V: NDV9-24V  
48V: NDV9-48V  
51V: NDV9-51V  
102V: NDV9-102V

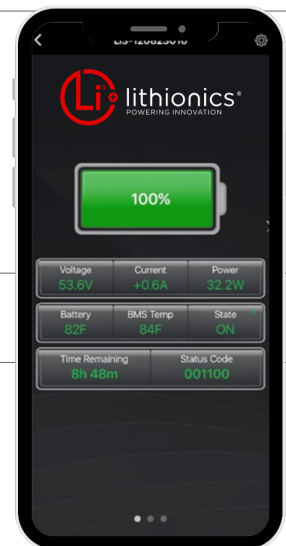
### DIMENSIONS

Size (L x W x H)	13.0" x 23.7" x 4.0"	330.2mm x 602.0mm x 101.6mm
Weight	8.0lbs	3.6kg



## SPECIFICATIONS

VOLTAGE	
Voltage	12.8V to 102.4V (4S-32S)
Capacity	400A* Amperage Continuous [325A continuous with a single 4/0 Wire, 400A continuous requires 350MCM or 2x4/0 cables connected to each of the BMS terminals for heat dissipation]
MECHANICAL	
Terminal Size	5/16-18
Terminal Torque	108-132in-lbs (12.2-14.9Nm)
Ingress Protection	IP66
iONbus (M12 Connector)	Combines OptoLoop and RV-C CANbus technology into one connector
Included Components	IonBus T-Adapter, 2 IonBus Terminators, Terminal Covers
FEATURES	
AMPSEAL-14 Functions (Support depends on specific AMPSEAL-14 wire harness)	Alternator Control Generator Control Remote Lighted ON/OFF Alarm Battery Low LED Emergency- Stop RS232 Aux. External Power Input
Bluetooth®	Includes App (iOS, Android) Monitoring Datalogging Firmware Updates PIN Security
Protection Features	Reserve Cut-Off Pack Over and Under Voltage Cell Over and Under Voltage Cell Over and Under Temperature Contactor Over-Temperature Contactor State Short Circuit Over Current Pre-charge Circuit
Optional Features	RS232 (In place of Bluetooth) Ethernet TCP/IP NMEA 2000 Port
Easily Integrates With	NCC CANbus Chargers IonGauge Display Victron Cerbo Support Wakespeed WS500 Alternator Regulator RV-C CANbus Compliant Devices NMEA2000 Compliant Devices SmartPower Alternator Series Lithionics 3,000W Inverter-Charger



### Powering Innovation.

Discover the right lithium replacement system for you. Reach out to Lithionics' expert support team to find your perfect power solution.