

# DUAL CHANNEL

## Advanced Battery Management System

CAT # NDV9



### Voltage Options

12V to 102V

### Key Benefits

- ✓ Advanced iONbus® Technology
- ✓ NeverDie® Power Reserve
- ✓ Suitable for Various Applications, Dual Channel allows for separate charge and discharge channels

### 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) that provides advanced protection ensuring battery safety and longevity. Easily connect multiple batteries to a single BMS by plugging directly into a combiner box.

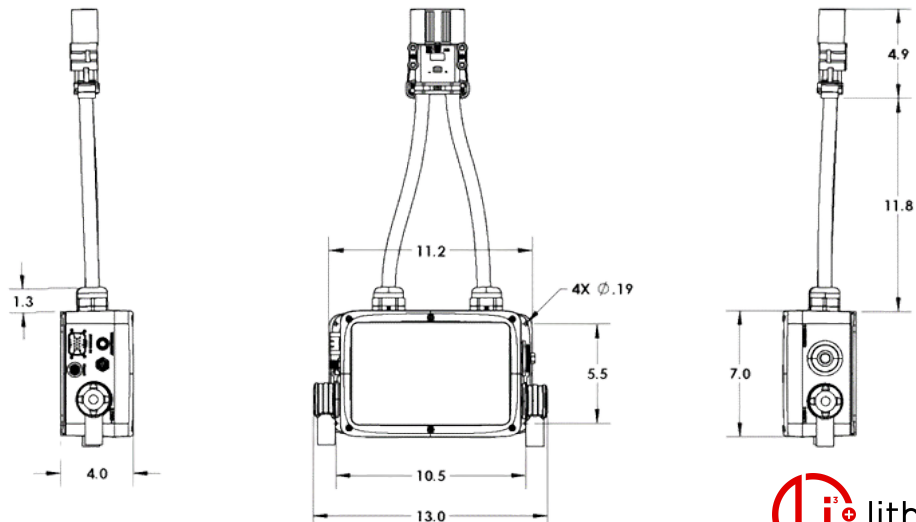
## DIMENSIONS

### Size (L x W x H):

13.0" x 23.7" x 4.0"  
(330.2 x 601.9 x 101.6)

### Weight:

8.0 lbs  
(3.6kg)



# SPECIFICATIONS

## VOLTAGE AND CAPACITY

12.8V to 102.4V (4S-32S)  
400A\* Amperage Continuous

### AMPSEAL-14 Functions (Support depends on specific AMPSEAL-14 wire harness)

Alternator Control, Generator Control, Remote Lighted Reset, Alarm Battery Low LED, Emergency-Stop, RS232, Aux. External Power Source

### Bluetooth®

Includes App (iOS, Android). Monitoring, Datalogging, Firmware Updates, PIN Security

## FEATURES

### Protection Features

Reserve, 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

### 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 Compliant Devices, NMEA 2000 Compliant Devices, SmartPower Alternator Series, Lithionics 3,000W Inverter-Charger

## MECHANICAL

5/16-18 Terminal Size  
108-132in-lbs (12.2-14.9Nm) Terminal Torque  
Ingress Protection: IP 66

### iONbus (M12 Connector)

Combines OptoLoop and CANbus RV-C technology into one connector

### Included Components

IonBus T-Adapter, 2 IonBus Terminators, Terminal Covers

\* 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



DS-019

### Powering Innovation.

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