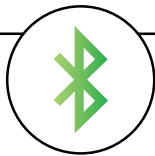




Lester Electrical proudly introduces our dcConnect Wireless Vehicle Monitoring System (wVMS). This low energy module is designed to be installed on-board a commercial/industrial vehicle. Pairs with our dcConnect app to allow you access to important battery pack information, ensuring a better performance and longer use of your batteries.



BLUETOOTH®

Featuring Bluetooth wireless communication with apps for Apple® and Android™ phones and tablets. Connect during vehicle use with our dcConnect app and use real-time diagnostics to troubleshoot vehicle issues or periodically to enjoy access to dashboard data.



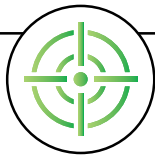
EXPERTISE

Lester has been designing and manufacturing electrical power conversion and monitoring products for more than fifty years. We are an employee-owned company and every member of our team is invested in the quality we deliver.



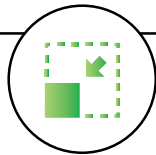
DATA

The wVMS provides never before possible insights into the vehicle's battery system. Monitor, record and communicate battery data. Set alerts and reminders and have access to complete battery pack history.



ACCURACY

The wVMS continuously monitors the battery system with industry-leading accuracy using proprietary algorithms to determine State of Charge (SOC) and State of Health (SOH) for deep-cycle lead-acid battery systems.



COMPACT

Our wVMS has compact dimensions and features a durable design from our expert team of Lester Electrical Engineers making it easy to integrate on-board any electric vehicle.



AMERICAN MADE

The wVMS module was passionately designed and is proudly still manufactured in the U.S.A. at our manufacturing plant in Lincoln, Nebraska. Quality is built into every product made for our clients.

SPECIFICATIONS

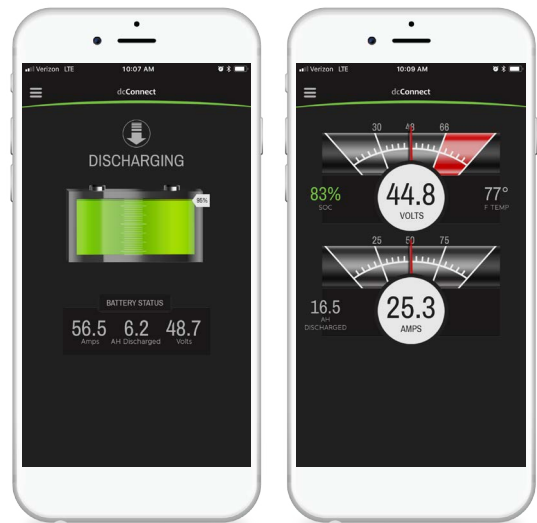
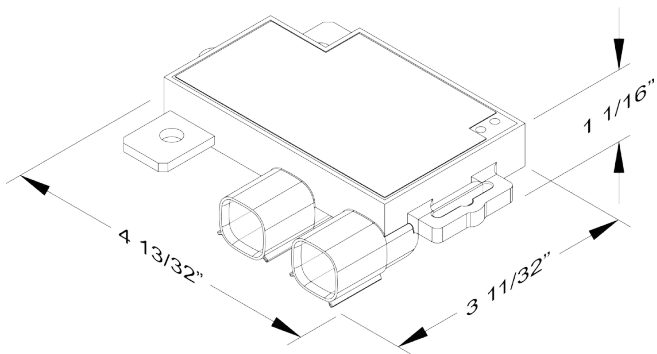
DC INPUT	
Voltage, nominal	24-48 V
Voltage, maximum	72 V
Voltage, minimum	10 V
Current, discharge, peak measurement	470 A
Current, charge/regen, peak measurement	270 A
Current, max continuous	160 A with 2 AWG, 200 A with 0 AWG
Battery types	Wet/flooded deep-cycle lead acid (contact Lester Electrical regarding AGM and gel)

INTERFACES	
Wireless Communication	Bluetooth, Class-1 RF power
LEDs	Status (blue), Fault (red)
Lockout Control	Optional, pulls down to battery neg (-) when active
Temperature Sensors	Internal (standard), battery terminal (optional)

DATA	
During Vehicle Use	State of Charge
During Charge	State of Charge, Time Remaining
Download	State of Health, State of Charge, Current, Ah, voltage, temperature and time

REGULATORY	
Safety / Emissions	FCC Part 15 Class B

MECHANICAL	
Dimensions (LxWxH),	3-11/32 x 4 13/32 x 1-1/16 in
Weight	Electronics are fully potted
Packaging	Automotive-grade



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