



250 N. Sunny Slope Rd., Ste 127, Brookfield, WI 53005



## VERATRON EXPANDED ITS FAMILY OF LINKUP PRODUCTS

Veratron has expanded its Innovation Award-winning LinkUp suite to include a 24V Intelligent Battery Monitor and a second-generation (Gen II) version of the 12V variant, and a J1939 single function gateway module. Boasting simple installation, the new products integrate engine and vessel sensor readings to display on smartphones, tablets and NMEA 2000® digital devices.

The LinkUp 24V Intelligent Battery Monitor (IBM) detects charging and consumption on a series of two 12V batteries via Veratron's Intelligent Battery Sensor (IBS). It provides voltage, incoming and outgoing current, and temperature readings. State of Charge information helps preserve battery life, while State of Health displays the aging status and loss of capacity over time. Autonomous monitoring provides estimated charge duration based on current system consumption.

Veratron's LinkUp 24V IBM has an operating voltage of 7.5-32V. The permanent load current is +/-200A with a maximum current of +/- 2,000A. The maximum battery capacity 255Ah.

The Gen II 12V IBM increases the operating voltage to 6-18V and features a permanent load current rating of +/-200A with a maximum current of +/- 1,500A. The maximum battery capacity is 500Ah. It connects with an M6 threaded GND bolt.

With simple electrical and mechanical integration, the Veratron LinkUp 24V IBM is easy to install. The IBS sensor is mounted with a four-pin Hirschmann plug to one of the battery's negative poles; a wired ring connector is attached to a ground. Positive pole wires have a sealed 3A fuse. Battery pole adapters are included.

The LinkUp J1939 module is a simple way to convert raw engine data to NMEA 2000 for displaying performance information and diagnostics on a multifunction device or Veratron app. NMEA 2000-compliant, it offers galvanic isolation between the two networks to avoid damaging either system.

With 23 sets of engine data available and 14 supported alarms, the J1939 module provides a wealth of information. Common items such as speed, oil and coolant temperature can be selected, as well as highly specialized figures like fuel pressure and transmission gear. Like all Veratron LinkUp modules, it offers simple plug-and-play installation with a four-pin Deutsch connector. The optional Y-shaped adapter cable can be purchased to interface with Volvo Penta EVC or Yanmar engines.

Configuring the LinkUp 24V Intelligent Battery Monitor and J1939 gateway modules is simple using a mobile device and the companion Veratron Android or iOS app. Both modules have a built-in passive wireless antenna. The parameters of the sensors are configured to type, instance and warning threshold on the mobile device and then tapped against the LinkUp device for instant data download.

Veratron's LinkUp 24V Intelligent Battery Monitor costs \$341.99 and the Gen II 12V version is \$255.99. The LinkUp J1939 gateway module is \$125.99.

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