

Single and Dual Battery Bank Monitors



Battery Status Information At-A-Glance

Link 10 and Link 20 use sophisticated microprocessor technology to provide complete battery status information for one and two battery banks, respectively. Simple multi-color displays show volts, amps, amp hours consumed, and operating time remaining. The Link 10 and 20 allow you to select Automatic, Sleep and Scanning modes and automatically calculate and display charging efficiency. The Link 20 can monitor a house bank and starting bank or two house bank batteries at the same time. By adding an optional prescaler, Link 10 can monitor single battery banks up to 500 volts.

Product Features

- ▶ Digital Numeric Display - LED display shows numeric read out of volts, amps, amp-hours and time remaining
- ▶ Easy to read multi-color LED bar graph
- ▶ Splash proof panels allow for outdoor mounting and hands free operation
- ▶ Displays key historical battery information such as charge efficiency, deepest discharge, and average discharge
- ▶ Compatible with 12 and 24 volt DC systems
- ▶ Works with any battery type
- ▶ Includes DC shunt
- ▶ One year warranty
- ▶ CE and E-mark

Accessories

- ▶ Color-coded, twisted pair cable (eases installation). Available in 25 or 50 foot lengths
- ▶ Prescalers (0-100 or 0-500 volts) to extend voltage range covered by your meter

Options

- ▶ Link 10 also available in "Choice" option with RS232 Serial Data Port and alarm switch

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Electrical Specifications

Voltage Measurement (standard model auto range)	0-19.95 VDC (0.05 V resolution) 20.0-50.0 VDC (0.1 V resolution)
Voltage Measurement (optional prescalers - Link 10 only)	0-100V (used with standard models) 0-500V (used with standard models)
Amperage Measurement	Low range +/- 0-40 A (0.1 A resolution) High range +/- 500 A (1.0 A resolution)
Amp-Hour Measurement	Low range +/- 0-199 Ah (0.1 hour resolution) High range +/- 200-1,999 Ah (1 hour resolution)
Time Remaining Measurement	Low range 0 - 199.9 hours (0.1 hour resolution) High range 0 - 255 hours (1 hour resolution)
Power Requirements	9.5-40 VDC (DC power supply voltage)
Power Consumption	50-225 mA (display auto dims with ambient light) 28 mA (sleep mode - bar graph display only)
Shunt Type	500 A / 50 mV (included) - Link 10 500 A / 50mV (dual included) - Link 20
Accuracy	Voltage +/- 0.6% of reading + 1 least count of resolution Amperage +/- 0.8% of reading + 1 least count of resolution

General Specifications - Link 10

Installation	Flush mount
Front panel	Splash resistant
Outer bezel diameter (face)	2.5" (63.5cm)
Barrel diameter	1.95" (50mm)
Depth	3.15" (80mm)
Hole cut size	2 1/6" (52mm) diameter
Weight (not including shunt)	4.6 oz (130.4g)
Warranty	One year
Part numbers	84-2016-01 (Link 10 Standard) 84-2016-02 (Link 10 Choice) 84-2010-00 (Shunt) 84-2024-00 (Link 10 temperature sensor) 84-2014-00 (Twisted Pair 25'- recommended for Link installations) 84-2015-00 (Twisted Pair 50'- recommended for Link installations)

General Specifications - Link 20

Installation	Surface mount
Front panel	Splash resistant
Dimensions (H x W x D)	4.725 x 2.975 x 1.075" (120 x 75.5 x 27.3 mm)
Weight (not including shunt)	4.6 oz (130.4 g)
Warranty	One year
Part numbers	84-2020-00 84-2014-00 (Twisted Pair 25'- recommended for Link installations) 84-2015-00 (Twisted Pair 50'- recommended for Link installations)

Note: Specifications subject to change without notice.