



Integrated Battery Monitor and Inverter/Charger Control

The Link 2000 instrumentation and control panel is designed for use with the Xantrex Freedom series inverter/charger and a dual battery bank. It displays critical DC electrical information for 12 and 24 VDC systems and allows for advanced setup of critical inverter and charger functions. An easy to read LCD display provides a digital readout of system data.

The Link 2000R offers the features of the Link 2000 plus a three-stage advanced alternator regulator and alternator output monitoring. (For use only with 12 or 24 volt "P" Field type alternators.)

Product Features

- ▶ Digital display of volts, amps, amp-hours consumed and time remaining until full discharge
- ▶ Easy to read backlit LCD display
- ▶ AC input and charging status display
- ▶ Flush mount design
- ▶ Includes DC shunt
- ▶ Easy to install
- ▶ One year warranty

Programmable Advanced Functions

- ▶ User programmable adjustments of the Freedom Inverter/Charger directly from the front panel
- ▶ Can be set for four different battery types including wet, gel and AGM
- ▶ Data is used to recall key information about the battery bank: charge efficiency, deepest discharge, average discharge, and other data

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Inverter/Charger Controller and Dual Battery Bank Monitor**Electrical Specifications****Voltage Measurement**

Standard model auto range	8.5-50 VDC (0.05 V resolution)
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Amperage Measurement

+/- 500 amps	0-40 A +/- 0.1 A resolution
	40-500 A +/- 1 A resolution

Amp-Hour Measurement

Low range	+/- 0-199.9 Ah (0.1 hour resolution)
High range	+/- 200-1,999 Ah (1 hour resolution)

Time Remaining Measurement

Low range	0 to 199.9 hours (0.1 hour resolution)
High range	0 to 255 hours (1 hour resolution)

Power Requirements

DC power supply voltage	9-40 VDC
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Power consumption

28 mA (adjustable back-light adds 1 - 18 mA)
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Shunt Type

Shunt	500 A / 50 mV (included)
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Accuracy

Voltage	+/- 0.6% of reading + 1 least count of resolution
Amperage	+/- 0.8% of reading + 1 least count of resolution
Amp-hours	Ah Error - time of measurement x current error
Max. Alternator Output	230 A (2000R model only)

General Specifications**Dimensions (H x W x D)**

3.72 x 5.75 x 1.25" (95.25 x 146 x 31.75 mm)
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Weight (not including shunt)

9 oz (255.2 g)

Warranty

One year

Part number (Link 2000)

84-2000-06

Part number (Link 2000R)

84-2005-04

Note: Specifications subject to change without notice.