

## Inverter/Charger Controller and Dual Battery Bank Monitor



### Integrated Battery Monitor and Inverter/Charger Control

The Link 2000 instrumentation and control panel is designed for use with Xantrex Freedom series inverter/chargers. 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 contains all the features of the Link 2000 with the addition of 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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### Electrical Specifications

<b>Voltage Measurement</b>	
Standard model auto range	8.5-50 VDC (0.05 V resolution)
<b>Amperage Measurement</b>	
+/- 500 amps	0-40 A +/- 0.1 A resolution 40-500 A +/- 1 A resolution
<b>Amp-Hour Measurement</b>	
Low range	+/- 0-199.9 Ah (0.1 hour resolution)
High range	+/- 200-1,999 Ah (1 hour resolution)
<b>Time Remaining Measurement</b>	
Low range	0 to 199.9 hours (0.1 hour resolution)
High range	0 to 255 hours (1 hour resolution)
<b>Power Requirements</b>	
DC power supply voltage	9-40 VDC
<b>Power consumption</b>	
	28 mA (adjustable back-light adds 1 - 18 mA)
<b>Shunt Type</b>	
Shunt	500 A / 50 mV (included)
<b>Accuracy</b>	
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

<b>Dimensions (H x W x D)</b>	3.72 x 5.75 x 1.25" (95.25 x 146 x 31.75 mm)
<b>Weight (not including shunt)</b>	9 oz (255.2 g)
<b>Warranty</b>	One year
<b>Part number (Link 2000)</b>	84-2000-06
<b>Part number (Link 2000R)</b>	84-2005-04

Note: Specifications subject to change without notice.