



# **ELGAR**

## **MODELS**

### **251B & 501B\***

**Power Source**

**Instruction Manual**

*\* Support and Parts are limited for the 501B Model.*

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3. **System 1000-3D**  
This system consists of (2) Model 501B's (1) Model 400V, and (1) interconnecting cable. Not included with the system, but necessary to complete it, is (1) Elgar 3-phase plug-in oscillator. This system is connected in a 3-phase open-delta configuration. The output power per phase is 333 VA at 65 VAC, 130 VAC or 260 VAC output voltages.
4. **System 1000-3Y**  
This system consists of (2) Model 501B's, (1) Model 400V Signal-Routing Plug-In, and (1) interconnecting cable. Not included, but necessary to complete the system, is (1) Elgar 3-phase plug-in oscillator. The system is connected in a 3-phase, phantom-wye configuration and has 333 VA power output per phase at 65VAC, 130VAC or 260VAC output voltage.
5. **System 1500-3**  
This system consists of (#) Model 501B's, (1) Model 400V, (1) Model 400C, and (1) interconnecting cable. Not included with the system, but necessary to complete it is (1) Elgar 3-phase plug-in oscillator. The system is connected in a three-amplifier 3-phase wye configuration. The output power pwer phase is 500 VA at output voltages of 65VAC, 130VAC or 260VAC output voltage.

1.20 Whenever a standard Elgar System has been ordered with a cabinet, the system model number will be preceded with the letter C. Information concerning the output connections of any of the standard systems appears in Section II of this instruction manual. Information concerning calibration of System 500-1 appears in Section V.

Table 1-1. Performance Specifications

	<u>MODEL 251B</u>		<u>MODEL 501B</u>	
<b>OUTPUT</b>				
Power:(VA)	250		500	
Power Factor @ Full VA	±0.7		±0.7	
Voltage Ranges (VRMS)	0-32,0-130,0-260		0-65,00-130,0-260	
Frequency Range (Hz)	45-10000		45-5000	
Distortion % @ Full Load	-			
45-200 Hz	0.6		0.6	
200-1000 Hz	0.4		0.4	
1000-5000 Hz	0.6		0.6	
5000-10000 Hz	0.9		---	
<b>INPUT</b>				
Voltage (VAC)	115 or 230		115 or 230	
Phase	Single		Single	
Frequency (Hz)	47-63		47-63	
Power (approx.max.W.)	800		1700	
<b>PHYSICAL</b>				
Height (in & mm)	5.25	133	7.00	178
Width (in & mm)	19	482	19.00	482
Depth (in & mm)	16	406	19.00	482
Weight, net (lbs. kg.)	55	25	90	41
shipping (lbs. kg.)	65	29	105	47