



**Figure 2** illustrates the interconnection between the pellet stove, Surefire Sentry and battery.



**Model 503A**

### Modified Sine Wave Models

Electrical Specifications:	Model SF 512	Model SF 503A
<b>Normal Mode Operation</b> (Supplying Line Power)		
Input Voltage Range	100-128 VAC	100-128 VAC
Input Current	5.5A	7A
Charging Current (max.)	12A	12A
Recharge Time (max.)	13 Hours	13 Hours
<b>(FOR 90 A-HR. BATTERY Fully Discharged)</b>		
<b>Back Up Mode Operation</b> (Supplying Battery Power)		
Maximum Back Up Power	550 Watts	750 Watts
Maximum Input Current	55 A	70 A
<b>Factory Warranty</b>	<b>1 year</b>	<b>1 year</b>
Dimensions (L x W x H) in.	12 x 7 x 3	17 x 7 x 3
Weight (lbs.)	10	15
Construction	Aluminum Extruded Housing with steel end caps and cover	

**Model 512 will operate most Harman pellet stoves .**

**Model 503A will operate with most pellet stoves including those equipped with electric igniters.**

**All models will operate water circulation pumps as long as they do not exceed Sentry ratings.**