



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
Normal Mode Operation (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
(FOR 90 A-HR. BATTERY Fully Discharged)		
Back Up Mode Operation (Supplying Battery Power)		
Maximum Back Up Power	550 Watts	750 Watts
Maximum Input Current	55 A	70 A
Factory Warranty	1 year	1 year
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.