

## Why do YOU need a Surefire Sentry Product?

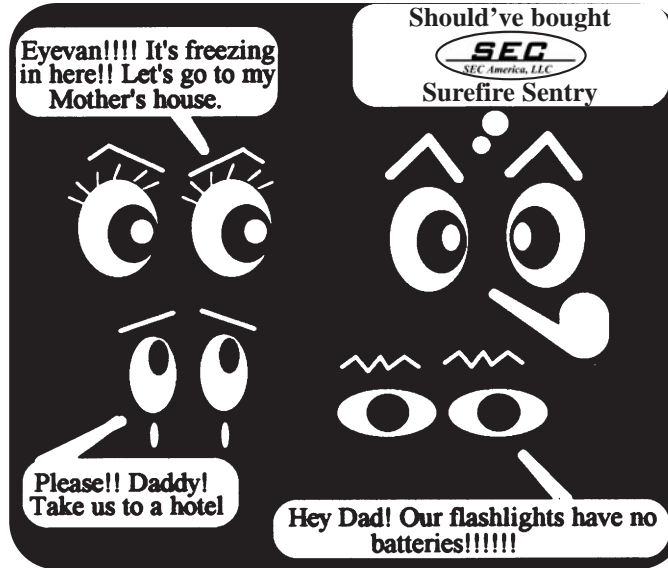
Preparation is the difference between an emergency and an inconvenience. Driving your car without windshield wipers is OK until it rains, and impossible when it does. Invest in a **Surefire Sentry** and be prepared for the inevitable.

During those cold dark winter days, a power outage is the last thing you need. Whether you are at home or not, **Surefire Sentry** will maintain the operation of your pellet stove or kerosene heater should your power fail.

When electricity is present the **Surefire Sentry** charges your battery and surveys the power line. The **instant** a power failure occurs, the **Surefire Sentry automatically** converts the energy stored in the battery to AC power. This assures operation of the pellet stove or kerosene heater without interruption during the absence of electricity **without your involvement**. Even if you have invested in a generator, **Surefire** will keep your home warm until you get home to start it.

When AC utility power is restored, the **Surefire Sentry** instantly reinstates it as the prime energy source to operate your pellet stove or heater. Simultaneously, the **Surefire Sentry** commences recharging your battery. It will be at full capacity prepared for the next inconvenience.

### The Adventures of Eyevan the Miserable starring Eyevan Outage



Fill in this information and present it to your pellet stove or kerosene heater dealer:

#### Pellet Stove / Kerosene Heater

Make \_\_\_\_\_

Model \_\_\_\_\_

Serial No. \_\_\_\_\_

#### AUTHORIZED DEALER

Manufactured in the USA by:



P.O. Box 2266, 81 Ethan Allen Drive, S. Burlington, VT 05407  
Tel: 802-865-8388 • Fax: 802-865-8389  
email: sales@secamerica.com • Internet: www.secamerica.com

# WHEN THE POWER GOES OUT...



## Surefire Stove Sentry & Surefire Heater Sentry



## Keep The Home Fires BURNING

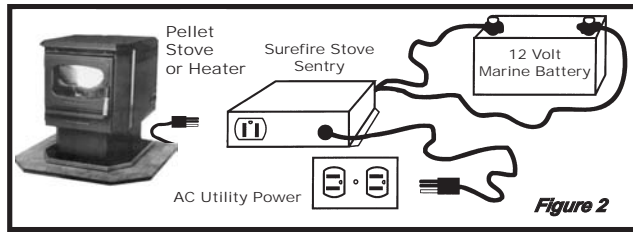


Figure 2 illustrates the interconnection between the pellet stove, Surefire Stove Sentry and battery.



Model 503A

| Electrical Specifications:                                 | Model SF 502                                            | Model SF 512 | Model SF 503A |
|------------------------------------------------------------|---------------------------------------------------------|--------------|---------------|
| <b>Normal Model Operation</b><br>(Supplying Line Power)    |                                                         |              |               |
| Input Voltage Range                                        | 100-128 VAC                                             | 100-128 VAC  | 100-128 VAC   |
| Input Current                                              | 4A                                                      | 5.5A         | 7A            |
| Charging Current (max.)                                    | 12A                                                     | 12A          | 12A           |
| Recharge Time (max.)                                       | 13 Hours                                                | 13 Hours     | 13 Hours      |
| <b>(FOR 90 A-HR. BATTERY Fully Discharged)</b>             |                                                         |              |               |
| <b>Back Up Mode Operation</b><br>(Supplying Battery Power) |                                                         |              |               |
| Maximum Back Up Power                                      | 450 Watts                                               | 550 Watts    | 750 Watts     |
| Maximum Input Current                                      | 40 A                                                    | 55 A         | 70 A          |
| <b>Factory Warranty</b>                                    |                                                         |              |               |
|                                                            | 1 year                                                  | 1 year       | 1 year        |
| Dimensions (L x W x H) in.                                 | 12 x 7 x 3                                              | 12 x 7 x 3   | 17 x 7 x 3    |
| Weight (lbs.)                                              | 10                                                      | 10           | 15            |
| Construction                                               | Aluminum Extruded Housing with steel end caps and cover |              |               |

Model 502 is compatible with most pellet stoves without electric igniters .  
Model 502 will operate most corn stoves .

Model 512 is compatible with all Harman pellet stoves .

Model 503A is compatible with most pellet stoves including those equipped with electric igniters.

## Features and Benefits of Surefire Sentry

\* **Up to 8 hours of operation with a 90 Amp Hour Battery**

Will support stove operation for the average outage  
90 A-hr. battery means a readily available affordable battery

\* **Up to 24 hours or more of back up with an expanded battery bank**

Beneficial in rural areas where outages can last for extended periods

\* **Automatic Power Transfer**

You do not have to be present to turn on your backup system

\* **Automatic Recharge**

You do not have to remember to recharge your battery  
You do not need an additional battery charger

\* **Silent Operation**

No generator noise  
Can be kept in the home, basement or utility room

\* **Easy Hook Up**

No special wiring to hook up  
Plugs into a standard wall outlet  
No special tools required

\* **Maintenance Free Operation**

Needs no fuel  
Has no moving parts  
No tune up required

\* **Comprehensive Instruction Manual & Factory Support**

Ensures satisfaction after the sale

\* **Factory Warranty**

Protection for your investment

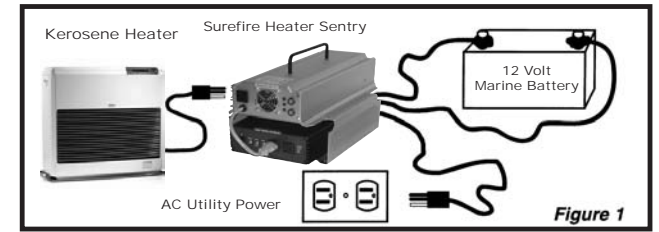


Figure 1 illustrates the interconnection between the kerosene heater, Surefire Stove Sentry and battery.

**Two New Models from which to choose**



| Electrical Specifications:                                 | Model SF 606   | Model SF 609   |
|------------------------------------------------------------|----------------|----------------|
| <b>Normal Model Operation</b><br>(Supplying Line Power)    |                |                |
| Input Voltage Range                                        | 100-128 VAC    | 100-128 VAC    |
| Input Current                                              | 5A             | 9A             |
| Charging Current (max.)                                    | 25A            | 25A            |
| Recharge Time (max.)                                       | 4 Hours        | 4 Hours        |
| <b>(FOR 90 A-HR. BATTERY Fully Discharged)</b>             |                |                |
| <b>Back Up Mode Operation</b><br>(Supplying Battery Power) |                |                |
| Maximum Back Up Power                                      | 600 Watts      | 1000 Watts     |
| Maximum Input Current                                      | 65 A           | 100 A          |
| Output Wave Form                                           | Pure Sine Wave | Pure Sine Wave |
| <b>Factory Warranty</b>                                    | <b>2 years</b> | <b>2 years</b> |

Each Surefire Heater Sentry consists of two modules. The Upper Module houses the Charger, Transfer Switch and Line Monitoring Circuitry. The Lower Module houses the Power Inverter and Remote Switch. All Surefire Heater Sentries are supplied fully assembled with detailed Instruction Manual.

Surefire Heater Sentry will operate all heaters consuming power levels within their respective power ratings.

**Will operate with the following:**

| Monitor Models | Rinnai Models   |       |
|----------------|-----------------|-------|
| M21, M22       | 1004            | 431   |
| M422           | 556             | 263   |
| M40, M41       | Toyotomi Models |       |
| M441           | L73             | L-30  |
| 2400           | L56             | OM-22 |

**Heater Sentries have sine wave outputs. They can operate all appliances within their respective ratings.**