



## CUSTOMER QUESTIONS and ANSWERS

Mr. Emergency uses powerful 12 Volt DC batteries for its power source and **can be recharged** when the supplied charger is connected to an operational AC power outlet.

**Gasoline generators are explosive when the fuel tank is exposed to flame.** It may not be possible to fill a used up gasoline tank due to **power outages at gas stations** and it may not be possible to recharge a battery during a power outage.

Think of the battery in the same way you think of a gasoline tank. Use the supply carefully and thoughtfully to conserve power during a power outage.

**IT IS RECOMMENDED THAT THE UNIT ALWAYS BE CONNECTED TO AN OUTLET TO MAINTAIN A FULL CHARGE**

### USAGE TIME AVAILABLE in HOURS

WATTS of item intended for use	10W	25W	50W	100W	250W	500W	1000W
Mr. Emergency <b>5500</b>	53	21	10	5	2	1	.5
With Mr. Emergency <b>PLUS 550</b> <b>PLUS 550</b> is an optional additional purchase	106	42	20	10	4	2	1
With Mr. Emergency <b>PLUS 1100</b> <b>PLUS 1100</b> is an optional additional purchase	159	63	30	15	6	3	1.5

All times indicated are based on a fully charged unit. All times are approximate to the closest 20 minutes.

#### Q. Will the Mr. Emergency run my refrigerator?

A. This is not an easy question. **First**, you must check the electrical requirements of your refrigerator. It MUST use less than 1500 watts. Most modern refrigerators do not use 1500, but you need to check. It is on the metal plate that is attached to the refrigerator. Probably the serial number is there with the model no. If it does not have watts, then look for Amps. The maximum is 12.5 Amps. If the refrigerator meets these numbers or less, it will operate, most will. If you are in an area where outages are common, we recommend the purchase of a small 2<sup>nd</sup> refrigerator, they use very little power and many items in a refrigerator do not require extended refrigeration.

Second, the usage chart may say that the refrigerator will not operate long due to high energy requirements, however, if you plan your usage by opening and closing the door quickly and planning your needs in advance, the power usage will be reduced dramatically. Refrigerator compressors will only go on when the doors are opened and room air enters. So, if you plan ahead, the power should last quite a while. A bag or 2 of Ice added to the interior will also help matters.

#### Q. Are there any other ways to recharge if the power does not come back on?

A. Yes, using a pair of good automobile jumper cables, you can connect to an automobile battery or any 12Volt battery that is charged. If using an automobile, be sure the vehicle is outside and is running if you will deplete that battery.

#### Q. I have a Microwave, will Mr. Emergency operate the microwave and how long will it last?

A. Most microwaves use from 750 to 1500 watts, however, the usage time is so brief that it should not have any major effect on the time available from the unit since most usages are only a very few minutes.





**CSA (US) Corp.** 16801 E. Gale Avenue, Unit E, City of Industry, CA 91745

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### **Q. Can I add more power to the unit?**

A. Yes, you can purchase a PLUS POWER BOOSTER which is available in 2 sizes. The GH550 doubles the operating time of the unit and the GH1100 triples the operating time of the unit.

### **Q. Are there any other power sources that I can use.**

A. A standard 12Volt auto battery can be used. It requires auto jumper cables and must be connected properly by connecting the positive of the battery to the positive post on the unit and the negative of the battery to the negative post on the unit. CSA will not warranty any problems caused by this type of usage as we cannot be responsible for the battery condition of the auto battery being used.

### **Q. Will this allow me to draw more than the 1500 watts specified on the unit.**

A. No, it will still be 1500 watts, think of this as having a larger gas tank in a car. The motor will have the same horsepower but you will be able to drive longer.

### **Q. Can I use 1500 watts from each of the 4 AC outlets?**

A. No, the maximum is 1500. If you use 1500 watts from one outlet you will be at maximum capacity

### **Q. What could happen if I exceed the maximum 1500?**

A. You will blow the fuse on the face of the unit. It is simply replaced and a **spare is supplied**. They are readily available in all hardware and automotive stores.

### **Q. How will I know when it is fully charged?**

A. There is a condition gauge on the LCD screen on the face and a light on the charger that will go from **RED** to **GREEN**

### **Q. Will my big screen TV operate?**

A. Yes, most modern flat panel TVs are very energy efficient, however larger screens use more power than small screens. During an outage, we recommend using the small screen if one is available to preserve power.

### **Q. Where should I store the unit when it is not in use?**

A. Any area where the temperature is between 40 and 80 degrees Fahrenheit.

### **Q. What kind of battery is in the unit and is it safe?**

A. It is an SLA (Sealed Lead Acid) similar to automobiles and is technologically friendly to the environment when used according to normal operating procedures.

### **Q. How many times can it be recharged?**

A. Up to 500 times. It is recommended to replace it with a fresh battery every 3 years so that it is always ready for power outage emergencies

### **Q. What other features and usages does the unit have?**

A. It features a low power usage 15 LED Room light, Wheels, an air compressor for tires and inflatables, 2 USB ports, 2 12Volt power ports for charging 12 volt items, a wake-up alarm system, Dual speakers for use with MP 3 players and a 12 volt auto Jump Starter for vehicles with engines up to 3 liters.

### **Q. Are there any smells odors or noise?**

A. No, there are no odors or smells as there is no fuels required. It is silent running except for a very small cooling fan that comes on in high wattage draw situations and even then barely audible.

### **Q. Is it heavy?**

A. It weighs 60 lbs. and moves easily on its wheels. Elderly or people with physical impairments should have others lift it.

