



## CUSTOMER QUESTIONS and ANSWERS

Some major and important points people need to understand about power units by **Mr. EMERGENCY**

Mr. Emergency **PowerPAL** uses a 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 or a 12V DC outlet when available. 2 Chargers are supplied with the unit. One AC and one DC.

**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

**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	150W
Mr. Emergency <b>PowerPAL PP100</b>	8.38	3:30	1.45	52 min.	35min.

All times indicated are based on a fully charged unit. All times are approximate to the closest 10 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 150 watts. Most modern refrigerators use more. However, many of the small standby/bar refrigerators operate on less than 150 watts, 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 1.2 Amps. If the refrigerator meets these numbers or less, it will operate. 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, the unit is supplied with a 12 Volt DC charger and you should be able to an automobile that is charged. If using an automobile, be sure the vehicle is outside and is running or 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, which is more than the Power Pal can supply. We recommend looking at the Mr. Emergency 5500 which will supply up to 1500 watts. Microwaves use a lot of power, but only for brief periods so the usage time is so brief that it should not have any major effect on the time available from the Mr. Emergency 5500.





## **CSA (US) Corp.**

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

A. A standard 12 Volt auto system can be used. It requires using the DC charger cord that is supplied.

### **Q. Will this allow me to draw more than the 150 watts specified on the unit.**

A. No, it will still be 150 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 150 watts from each of the 2 AC outlets?**

A. No, the maximum is 150. If you use 150 watts from one outlet you will be at maximum capacity

### **Q. What could happen if I exceed the maximum 150?**

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, some will operate, most likely an 18" to 21" 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 90 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 12 LED Room light, a USB ports, a 12Volt power ports for charging 12 volt items, a wake-up alarm system, Dual speakers for use with MP 3 players.

### **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 less than 9 lbs. and is easily carried. Elderly or people with physical impairments should have others lift it.

### **Q. I do a lot of outdoor sports activities. How will it help me?**

A. You will be able to use your computer, modem, router, small camping refrigerators and as a tent light, listen to music etc. You will be able to recharge from your vehicles cigarette lighter or vehicle power plug.

