

# DC TO AC POWER INVERTERS

**Provides house current power in your automobile or camper.**

A POWER INVERTER can provide 115-117 VAC power while on the road, camping or anywhere else that you have access to an automobile battery. The inverter will convert the 12-14 volt battery power, electronically, to 115-117 VAC house current. Philmore inverters produce a modified sine wave, which is close to a duplication of actual house power from your electric company. Inverters are available in various sizes. The smallest inverter in this series is plenty big enough to operate the "wall wart" power supply to keep your notebook, cell phone chargers, etc. up to a full charge and the inverter can run for a long time without depleting a good battery (your engine will recharge the battery when you drive). Other small equipment, such as radios and black & white TV's, may be used (check the wattage rating of your equipment to be sure).

How to choose an inverter. Pick the inverter model that is rated at least 30% higher than the appliance that you intend to operate. The inverters are rated by their absolute "peak" output and the continuous operating voltage is about 25% less (details below). Motors, such as in drills, grinders, etc. will require about twice the power as they are inductive loads and draw huge power at start up. Philmore inverters do produce a modified sine wave so they should work with most frequency-sensitive appliances and motors.

## 100 Watt Power Inverter

For use powering a small light, B&W TV, radio or the power supply ("wall wart") for your laptop and cell phone to keep their batteries topped off. The unit has one AC socket; connects to your car battery simply by plugging into the automobile's cigarette lighter or accessory power socket.

**Part no. MWDAP100.....100 watt peak power Inverter.**

Continuous power rating (4 hours): 80 watts  
Peak (5 min.) power: 100 watts      Surge maximum: 150 watts



(Clamshell Packaging)

## 300 Watt Power Inverter

The 300 watt unit may be operated by connection to your automobile's cigarette lighter socket. It is advisable to use a direct connection to the battery (attach in seconds) for larger loads. An additional cable with battery clips is included. The unit has two AC sockets.

Big enough for TV's, lighting, small sound systems and other small appliances.

**Part no. MWDAP300.....300 watt peak power Inverter.**

Continuous power rating (4 hours): 230 watts  
Peak (5 min.) power: 300 watts      Surge maximum: 500 watts.



(Clamshell Packaging)

## 700 Watt Power Inverter

This is our largest inverter, and will operate many large appliances including larger color TV's. It is capable of running more than one small appliance at once, including some lighting. As the current needed is larger, your automotive engine should run at idle during use; or, you may want to have two or three batteries in parallel to provide power. Connection directly to your battery via the included power cable and battery clips is required (power is too great to use the cigar lighter jack).

The unit includes Automatic Protection Circuitry which includes overheating automatic shut down as well as low battery voltage shut down to prevent deeply discharging your battery.

**Part no. MWDAP700.....700 watt peak power inverter**

Continuous power rating (4 hours): 500 watts  
Peak (5 min.) power: 700 watts      Surge maximum: 950 watts



(Clamshell Packaging)

## The BIG BLUE SolderSucker

This is an imported copy of a favorite American solder removal tool. It is an effective and economical tool for use in desoldering rework. Replacement "O" rings and tips are available for the only parts that will have noticeable wear.



Part no.	Description
10340	Big Blue Solder Sucker tool
10350	Anti-static version of "Big Blue" (all black color)
10342	Pack of three (3) replacement "O" rings
10341	Replacement Big Blue desoldering tip for no. 10340
10351	Replacement A/S desoldering tip for no. 10350