

MOBILE POWER

DC TO AC POWER INVERTER

INSTRUCTION MANUAL

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INTRODUCTION

Now you can operate most AC appliances such as camcorders, computers, fax machines and portable TV's from the 12VDC current supplied by your car's battery. This fully portable unit gives you a standard AC outlet anywhere your car is.

SPECIFICATIONS:

KV-75

Voltage in 12VDC(11~15VDC) , Maximum amp ϕ Max.6.6 Amp

Voltage out: 100VAC+/-10%

Peak Power: 150W for 1 cycle

Continuous : 75Watts

Output Frequency: 55HZ+/-3Hz

Output Wave Form: Modified Sine Wave

No Load current Draw: <0.3A

Efficiency: 85%

Fuse: 15A

Weight: 0.2Kgs

FEATURES:

- Low Battery auto shutdown
- Overload protection
- Overheat protection
- Input polarity reverse protection by fuse
- Compact size, light weight and high efficiency
- Operate most AC powered electronic equipment

INSTRUCTIONS:

1. Plug into cigarette lighter socket or direct connected to 12VDC source.
2. Plug equipment into the AC receptacle of this unit.
3. Turn equipment on.

CAUTION : Do not open the unit. Serious Shock Hazard. There are no user serviceable parts inside the unit. Refer all servicing to qualified service personnel.

SPECIAL NOTES:

1. EQUIPMENT LOAD

The unit has a built-in protect circuit. It will automatically shut down if it is overload, and will restart once the overload is removed. This unit under 500W will not operate most power tools, and appliances which produce heat, such as hair dryer, microwave ovens and toasters.

2. LOW VOLTAGE CONDITION

When input voltage decrease to 10V, the output will cut off, prevent to exhausted the battery energy.

3. BATTERY POLAITY

The input cigarette plug outside is negative, center is positive, So the unit is used in a negative ground vehicle, should not be used in positive ground vehicle.

When using external DC 12v battery the polarity don't be reverse, or the fuse will broken.

4. DISPERSION OF HEATY

The unit will get warm during normal operation. This indicates that the unit is functioning correctly. The amount of heat generated will vary with the power draw of the equipment being operated. In order for proper heat dispersion to occur. Make sure that air is allowed circulate freely around the unit. A fan is helpful in cases where the unit is operating at maximum power output or extended period.

5. USE CAR BATTERY

To prevent a vehicle battery from discharging below the voltage required to start the motor, we recommend that the operator start the vehicle every 2-3 hours to recharge the battery system. The unit may be used either while the engine is running or turned off. However, do not start a vehicle's Engine with the unit in use.

6. OPERATION WITH TV SETS

Most TV sets with high starting currents, the unit has a special auto starting TV circuit, so it can easy to starting a TV sets, If the TV set can't start, please push the power switch on and hold it, till the TV working then release it. The unit shielded and filtered to minimize interference with TV signals, In some cases, particularly with weak TV signals, some interference may still be visible.

Try take the unit far from antenna or adjust the position and angle between each other, to minimize the interference.

7. EXTENSION CORDS

The use of extension cords from the AC outlet will not significantly decrease the power supplied by the unit. However, for the best operating results, an extension cord of less than 60 feet is recommended.

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