

(GB) MICRO CONTROL MODEL DC TO AC POWER INVERTER

Instruction Manual

Please read user manual before use.

USEFUL APPLICATIONS

RUN NOTEBOOK COMPUTERS, RADIOS, TVS,
VCRS, LAMPS, FANS, FAX, ETC.

SPECIFICATION

INPUT VOLTAGE RANGE : 10-15V DC
INPUT FULL LOAD CURRENT : 15A
STANDBY INPUT CURRENT : 0.25A
OUTPUT VOLTAGE (AC) : 100V 110V 120V
220V 230V 240V
OUTPUT WAVEFORM : MODIFY SINEWAVE
OUTPUT FREQUENCY : 50HZ 55HZ 60HZ
CONTINUE OUTPUT POWER : 150W
PEAK OUTPUT POWER : 300W
EFFICIENCY : 90%
BATTERY LOW ALARM : 10.5+/-0.5V DC
BATTERY LOW SHUTDOWN : 10+/-0.5V DC
THERMAL PROTECT : 60+/-5DEG C
OVERLOAD PROTECT : YES (MICROCONTROLLER)
OUTPUT SHORT PROTECT : YES (MICROCONTROLLER)
HIGH VOLTAGE INPUT PROTECT : YES (MICROCONTROLLER)
BATTERY POLARITY PROTECT : YES (BY FUSE)
FUSE : CIGARETTE PLUG BATTERY CORD - 35A
DIMENTION (L*W*H) mm : 165 * 94 * 69
WEIGHT : 900g

TROUBLESHOOTING

IF THE INVERTER DOES NOT APPEAR TO BE FUNCTIONING PROPERLY, THERE ARE SEVERAL REASONS WHY THE INVERTER MAY NOT BE RESPONDING.

1) POOR CONTACT

*CLEAN CONTACT PARTS THOROUGHLY

2) RECEPTACLE HAS NO POWER

*CHECK CAR FUSE, REPLACE DAMAGED FUSE

*CHECK RECEPTACLE WIRING. REPAIR IF NECESSARY

3) FUSE IS BLOWN

*THE FUSE IS LOCATED INSIDE THE DC PLUG. REPLACE FUSE WITH A FUSE OF EQUIVALENT VALUE

4) OVERLOAD CAUSED AC OUTPUT SHUTDOWN

*REDUCE THE WATTAGE OF YOUR LOAD TO LOWER THAN 150 WATTS

5) THERMAL CAUSED AC OUTPUT SHUTDOWN

*UNDER HEAVY LOADS FOR EXTENDED PERIODS OF TIME. THE AC INVERTER WILL SHUTDOWN OUTPUT TO PREVENT DAMAGE TO EXCESS HEAT. IF THIS HAPPENS, PLEASE PROCEED AS BELOW :

(A) SWITCH OFF THE POWER SWITCH OF THIS INVERTER

(B) DECREASE LOAD OF THIS MACHINE I. E. DISCONNECT SOME OF THE APPLIANCES OR WAIT UNTIL THIS INVERTER BECOME COOL.

(C) SWITCH ON THE POWER SWITCH OFF THIS INVERTER.

6) LOW-BATTERY SHUTDOWN

*RECHARGE YOUR BATTERY AND RESUME OPERATION.

CAUTION

- ALWAYS PLACE THE INVERTER IN
- AN ENVIRONMENT WHICH IS:
 - A) WELL VENTILATED
 - B) NOT EXPOSED TO DIRECT SUNLIGHT OR HEAT SOURCE
 - C) OUT OF REACH FROM CHILDREN
 - D) AWAY FROM WATER/MOISTURE, OIL OR GREASE
 - E) AWAY FROM ANY FLAMMABLE SUBSTANCE

