

# STERLING POWER PRODUCTS

## 150W DC/AC POWER INVERTER INSTRUCTION MANUAL

*Please read before use*

### Specification

Input voltage: 8.5 - 15 v d/c on 12 volt x 2 for 24 v units

Max load d/c current : 14 amps 12 v 7amp / 24 v

**PLEASE ENSURE VEHICLE/BOAT CIGARETTE SOCKET CABLES AND FUSE IS CAPABLE OF RUNNING THIS UNIT**

Stand by current : 0.2 amps 12 v 0.1 24 v

Output voltage: 230 v

Output wave form : modified sine wave

Output frequency : 50 hz

Continuous output power: 150 watt

Peak output power: 200 watt

Efficiency : 90%

Battery low shutdown : 8.5 volts

Thermal shut down : 50 deg

Overload protected: yes

Output short circuit protected : yes by fuse (*inside d/c plug*)

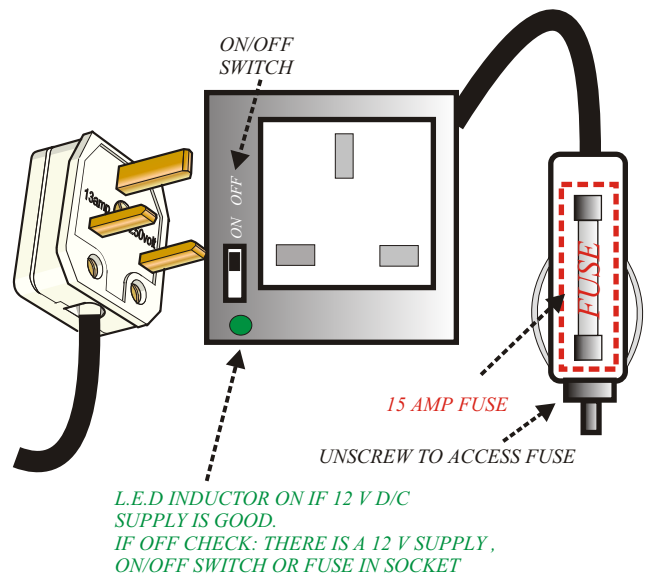
Battery polarity protected : yes by fuse (*inside d/c plug*)

Fuse : 15 amp (one spare provided)

Dimension: 155 mm x 77 mm x 70 mm

Weight : 0.8 kg

CE unit conforms to all EEC directives for light industrials/commercial/ household use



**WARNING:**  
**DO NOT OPEN INVERTER**  
**HIGH VOLTAGE**

### OPERATION:

ENSURE THE INVERTER IS OF THE CORRECT VOLTAGE FOR THE CIGARETTE SOCKET TO BE USED IE 12 VOLT SUPPLY OR 24 V SUPPLY

INSERT INVERTER D/C PLUG INTO THE SUITABLE CIGARETTE SOCKET

**ALWAYS SWITCH THE INVERTER ON BEFORE INSERTING WHAT EVER YOU WISH TO RUN. THIS PREVENTS ANY SPIKES ENTERING ANY EQUIPMENT THIS IS GOOD PRACTICE FOR ANY GENERATOR OR INVERTER.**

### TROUBLE SHOOTING

IF THE INVERTER DOES NOT APPEAR TO BE FUNCTIONING PROPERLY:

**PLEASE CHECK THE FOLLOWING**

- 1) POOR CONTACT IN THE CIGARETTE SOCKET  
*CLEAN CONTACT PARTS THOROUGHLY*
- 2) UNIT PRODUCES NO POWER  
*CHECK CAR/BOAT FUSE*  
*CHECK WIRING*
- 3) FUSE HAS BLOWN  
*THE FUSE IS IN THE D/C PLUG REPLACE IF REQUIRED*  
*WARRANTEE VOID IF LARGER FUSE IS USED*
- 4) A/C CUTS OUT DUE TO OVERLOAD  
*REDUCE LOAD OR PURCHASE A LARGER INVERTER*
- 5) THERMAL CUT OUT  
*REDUCE LOAD OR PURCHASE A LARGER INVERTER*
- 6) LOW BATTERY SHUT DOWN  
*CHECK BATTERY VOLTAGE IS BELOW 10 V, RECHARGE*

### CAUTION:

**ALWAYS USE INVERTERS IN A COOL DRY WELL VENTILATED SPACE AWAY FROM CHILDREN, SUN, OIL, WATER ,ETC IF MISUSED THIS UNIT COULD KILL LIKE THE MAINS:**

**2 YEAR FACTORY WARRANTEE VOID IF D/C PLUG IS REMOVED OR LARGER FUSE IS USED**

**ALL WARRANTEE RETURNS TO**  
**STERLING POWER PRODUCTS: GREGORY MILL ST, WORCESTER, ENGLAND, W-3 8BA**  
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