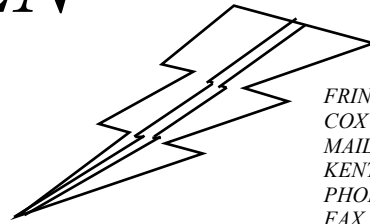


# BOYER BRANSDEN ELECTRONICS LTD.

PBOX00166



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## **POWER-BOX ALTERNATOR REGULATOR**

### **SINGLE PHASE POWER BOX WITH CHARGING LIGHT CONTROL**

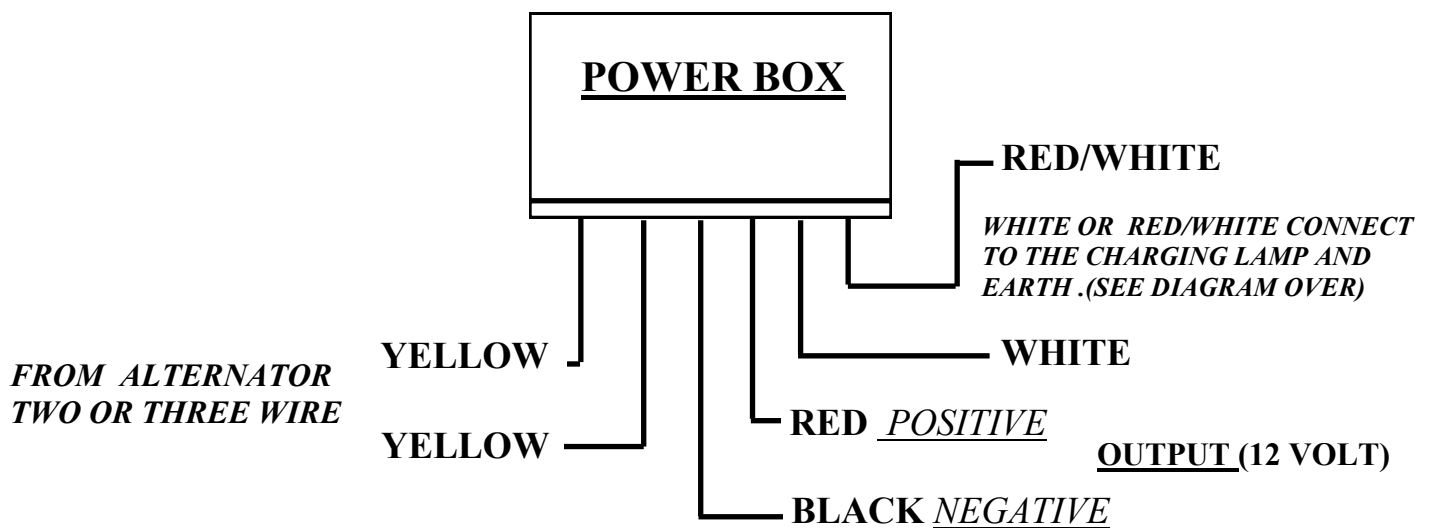
**INPUT** ANY PERMANENT MAGNET ALTERNATOR SINGLE PHASE  
TWO OR THREE WIRE UP TO 180 WATTS .

**OUTPUT** 13/14 VOLTS DC (CHARGING 12 VOLTS)

**MOUNTING** 4 X 6mm HOLES AT 45mm X 75mm CENTRES.

**SIZE** 66mm LONG.62mm WIDE. 35mm HIGH.92mm X 66mm OVER  
MOUNTING FLANGE.

**WEIGHT** 200 gms.



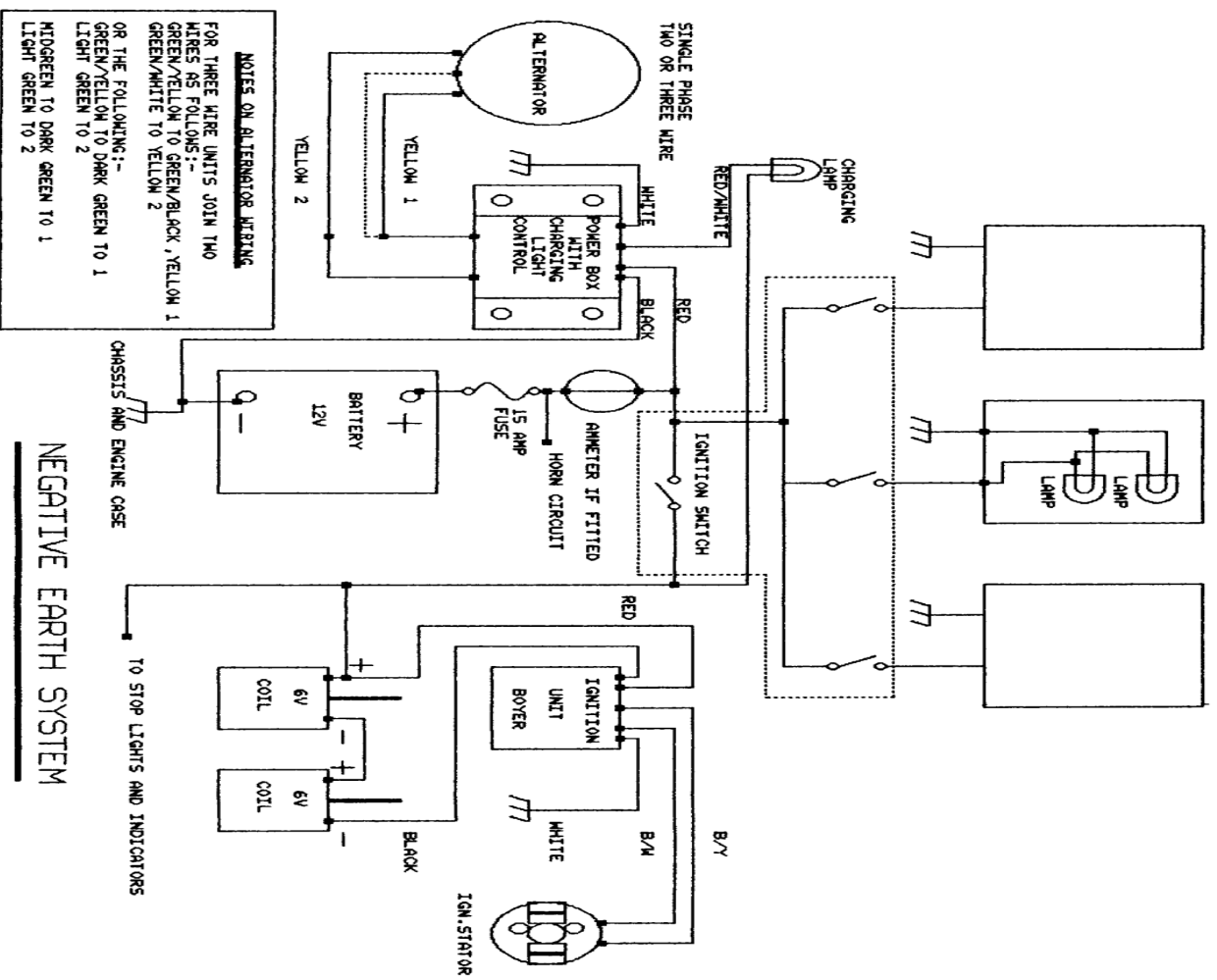
### **P. T. O. FOR WIRING DIAGRAM**

**MOUNT THE UNIT IN FREE AIR,** THIS CAN BE IN A BATTERY BOX BUT SOME AIR FOR COOLING IS REQUIRED.

**USE RUBBER VIBRATION MOUNTINGS FOR SEVERE CONDITIONS.**

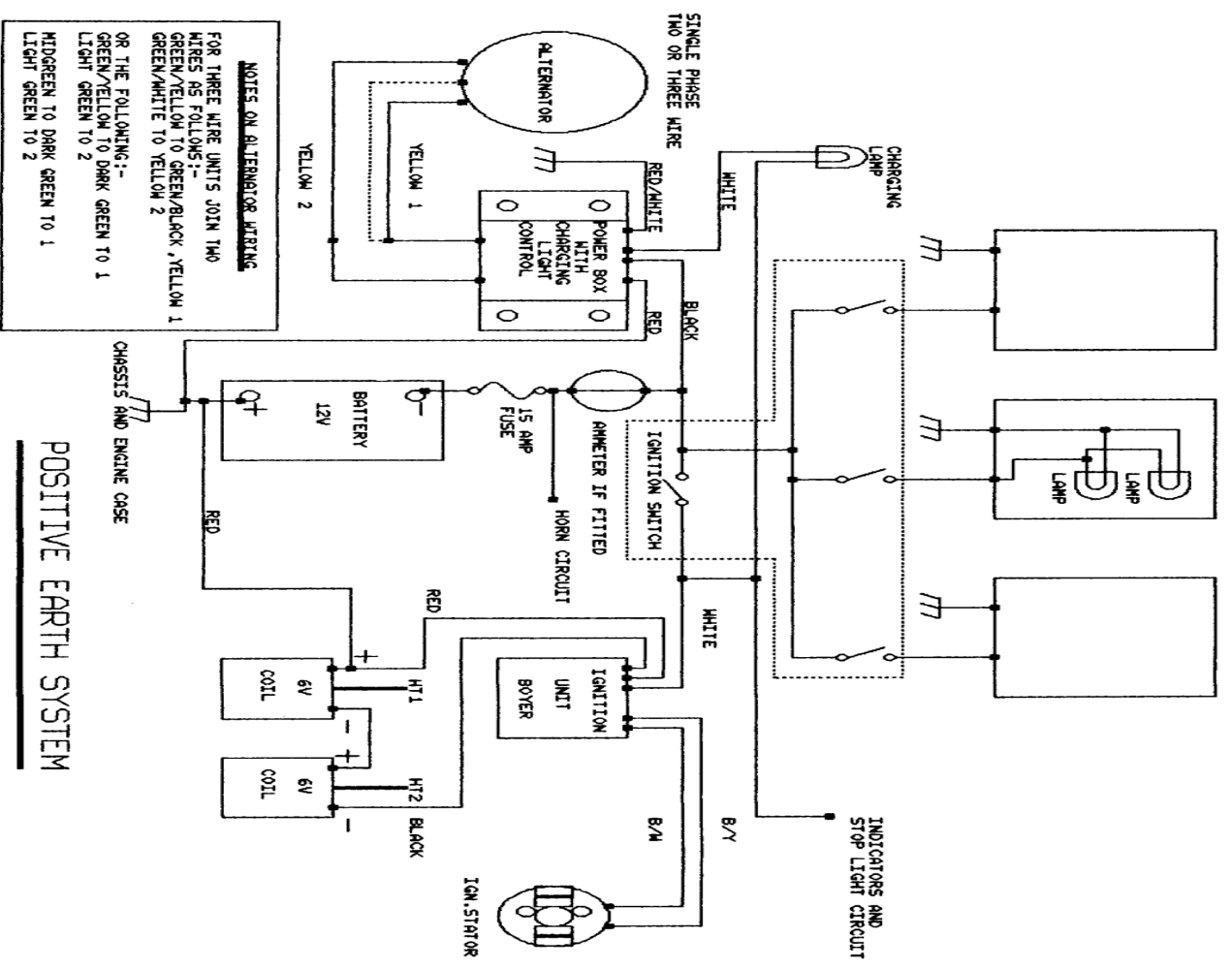
**NEVER CONNECT THE BATTERY THE WRONG WAY ROUND.** A FUSE MUST BE PLACED IN ONE OF THE BATTERY CONNECTIONS. WHEN RUNNING WITHOUT A BATTERY NO FUSE IS REQUIRED, AND IT IS IN ORDER TO SHORT THE OUTPUT TO STOP THE ENGINE. **THE CHARGING LAMP SHOULD NOT BE MORE THAN 10 WATTS.** THIS WILL NOT WORK WHEN RUNNING WITHOUT A BATTERY.

# LIGHTING AND ANCILLARY CIRCUITS



FOR STARTING WITH A LOW BATTERY REMOVE FUSE, TURN OFF LIGHTS, START ENGINE RUN UP TO SPEED AND REPLACE FUSE.  
 FOR BATTERYLESS RUNNING NO FUSE IS REQUIRED.

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