BOYER BRANSDEN ELECTRONICS LTD.

POWER-BOX ALTERNATOR REGULATOR

THREE PHASE POWER BOX
INPUT ANY PERMANENT MAGNET ALTERNATOR THREE PHASE THREE WIRE UP TO 280 WATTS.
OUTPUT 13/14 VOLTS DC (CHARGING 12 VOLTS)
MOUNTING 4 X 7mm HOLES AT 70mm X 70mm CENTRES.
SIZE 88mm LONG, 90mm WIDE, 64mm HIGH. 88mm X 50mm OVER MOUNTING FLANGE.
WEIGHT 360 gms.

FROM ALTERNATOR THREE WIRE

POWER BOX

YELLOW X 3

OUTPUT (12 VOLT)

RED POSITIVE

BLACK NEGATIVE

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.
NEGATIVE EARTH SYSTEM

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.

POSITIVE EARTH SYSTEM