BOYER BRANSDEN
ELECTRONICS LTD.

POWER-BOX ALTERNATOR REGULATOR

SINGLE PHASE POWER BOX WITH LIGHTING DELAY CIRCUIT.
(THE LIGHTS ARE ONLY SUPPLIED WHEN 10 VOLTS IS EXCEEDED)

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.

FROM ALTERNATOR TWO OR THREE WIRE

RED/BLACK

RED/BLACK AND BLACK/YELLOW
ARE THE VOLTAGE CONTROLLED
SWITCH CONNECTIONS

YELLOW

BLACK/YELLOW

RED POSITIVE

OUTPUT (12 VOLT)

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.

A BATTERY CAN BE USED WITH THIS UNIT BUT THE LIGHTING DELAY CIRCUIT WILL
NOT FUNCTION.

A 15 AMP FUSE MUST BE FITTED IN THE BATTERY CIRCUIT AND NEVER CONNECT
THE BATTERY THE WRONG WAY ROUND.