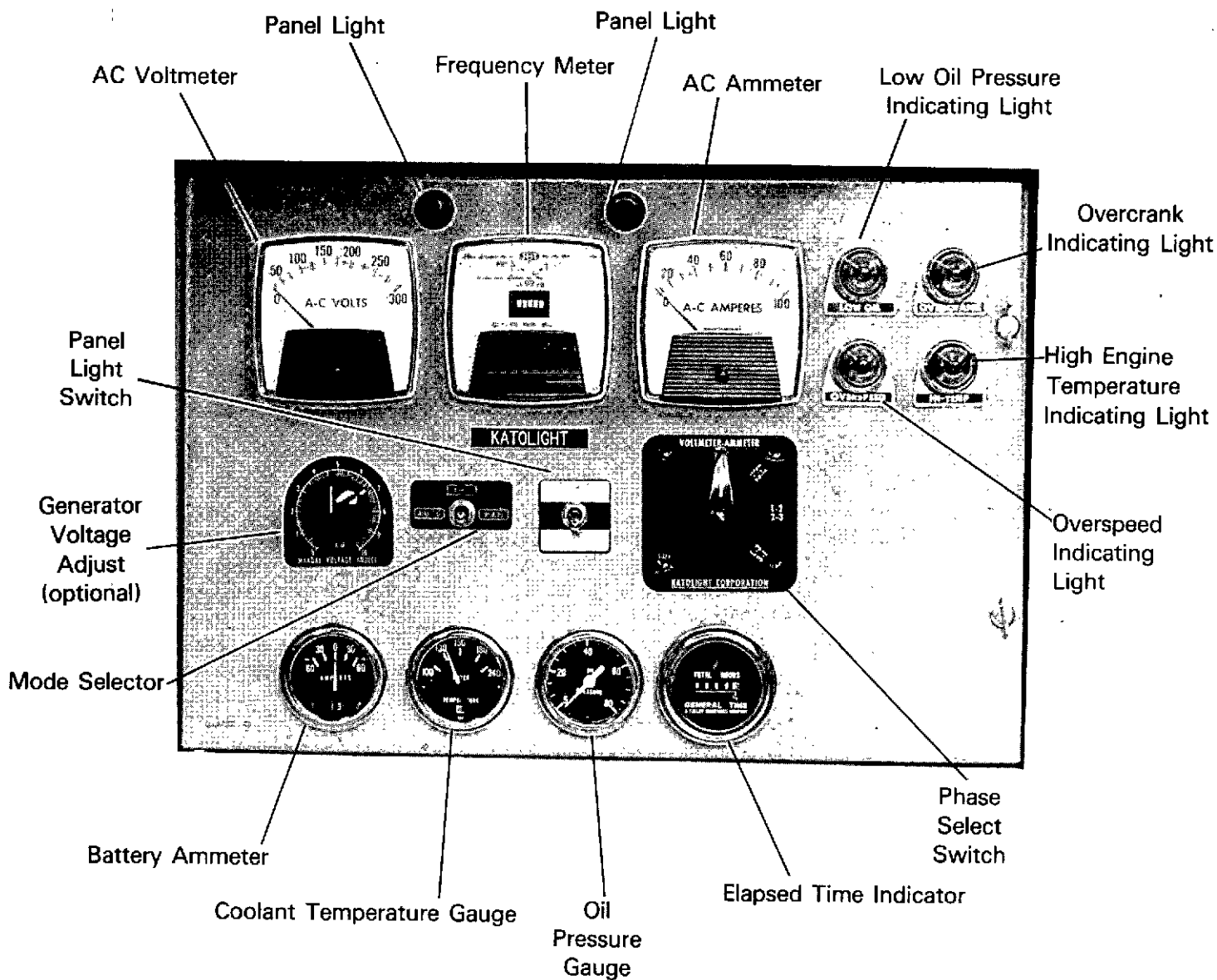




KATOLIGHT

STANDARD CONTROL PANEL

PART # 90010



A Katolight Control Panel is standard equipment on all Katolight engine-generator sets. Its components have each been designed, built, and tested to insure a reliable product. It comes unit mounted as standard. More complete information on each component is found on the back of this sheet.

CONTROL PANEL COMPONENTS

AC VOLTMETER — displays line to line voltage between each phase. Accuracy 2%.

FREQUENCY METER — indicates frequency of AC voltage in cycles per second. 58 HZ to 62 HZ range. (Substitute meter available for 50 HZ applications.)

AC AMMETER — indicates line current of each phase. Accuracy 2%.

PHASE SELECT SWITCH — allows operator to monitor each phase for voltage and current.

INDICATING LIGHTS — (Low Oil, Overcrank, Overspeed, Hi-Temp) glow to indicate which condition exists in the engine-generator set. The lights are linked to automatic safety shutdowns within the control panel that automatically shut down the unit whenever any of the above conditions (Low Oil, Overcrank, Overspeed, Hi-Temp) occur.

MODE SELECTOR — allows generator set to be run manually or to be placed in "Auto" (used in conjunction with an automatic transfer switch). Switch

placed in center position shuts unit off and resets control on failures.

ELAPSED TIME INDICATOR — records total run time to the nearest one-tenth of an hour. Records up to 9999.9 before resetting.

OIL PRESSURE GAUGE — indicates engine oil pressure in 5 PSI increments. Scale range 0-81 PSI.

COOLANT TEMPERATURE GAUGE — indicates engine coolant temperature. Scale range 100°F to 240°F.

BATTERY AMMETER (DC) — indicates charge or discharge condition of the battery. Scale display -60, -30, 0, +30, +60.

GENERATOR VOLTAGE ADJUST (Optional) — allows the operator to adjust the generator voltage to its specified value.

PANEL LIGHTS AND SWITCH — provides panel illumination.

DIMENSIONS

12½" high

18" long

10" deep

Katolight will custom-build control panels for applications requiring features not found in the Standard Control Panel. For more information consult the brochure, "Katolight Engine Generator Set Controls," (Form KLCB-779) in Section 6 of this catalog (A Guide to Selecting Standby Power Systems), or contact Katolight Corporation.

Materials and Specification May Change Without Notice.

KATOLIGHT CORPORATION

3201 Third Avenue P.O. Box 3229 Mankato, Minnesota 56001
Phone: (507) 625-7973 Telex: 29-0787