

0G9561

LEGEND
 GND - GROUND STUD
 IM - IGNITION MODULE
 HM - HOUR METER
 LOP - LOW OIL PRESSURE
 SC - STARTER CONTACTOR
 SM - STARTER MOTOR
 SP - SPARK PLUG
 SW1 - START-RUN-STOP SWITCH

The diagram illustrates the electrical system for a generator set. Key components and their connections include:

- Power Input:** 120V/240V TWISTLOCK connected to a 30A/2P 8.0kV C.B. (Circuit Breaker).
- Protection:** Two 120V/20A GFCI (Ground Fault Circuit Interrupter) units and two 20A/1P C.B. (Circuit Breaker) units are shown.
- Ignition System:** IM (Ignition Module) connected to the SP (Spark Plug) and SW1 (Start-Run-Stop Switch).
- Monitoring:** HM (Hour Meter) and LOP (Low Oil Pressure) sensor are connected to the system.
- Starting System:** SC (Starter Contactor) and SM (Starter Motor) are connected to the BATTERY 12V.
- Charging System:** AC BATTERY CHARGER connected to the BATTERY 12V.
- Wiring:** Various wire colors (WHT, GRN, BLK, RED, SLD-BLK) are used to connect components. A 47uF CAPACITOR is also shown.

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WIRING DIAGRAM:
 The diagram illustrates the electrical connections for a 12V/24V generator system. The generator's excitation winding is connected to a 47µF capacitor. The power winding is connected to a 120V/240V 30A twistlock, which is also connected to two 120V/20A GFCI outlets. The generator's output is connected to a 12V battery, which is also connected to an AC battery charger, a fuse, and a low oil shutdown module. The low oil shutdown module is connected to an ignition module (IM) and a spark plug (SP). The diagram includes a legend for symbols: GND (Ground Stud), IM (Ignition Module), HM (Hour Meter), LOP (Low Oil Pressure), SC (Start/Stop Contact), SM (Spark Motor), and SW1 (Start/Run-Stop Switch).

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[illegible]

ALL DIMENSIONS AND
TOLERANCING PER
ASME Y14.5M-1994

ALL XX DIM	----	± 0.4 MM
ALL XX.X DIM	---	± 0.4 MM
ALL XX.XX DIM	--	± 0.15 MM
ALL ANGLES	----	$\pm 1^\circ$

REV	
A	

RELEASED DRAWING
