

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. It includes a generator with a stator and a 47uF capacitor. The control panel features a 30A/2P circuit breaker (C.B.), a 120/240V twistlock, two 120V/20A GFCI outlets, two 20A/1P circuit breakers (C.B.), a low oil shutdown module, a spark plug (SP), an ignition module (IM), a low oil pressure switch (LOP), a starter contactor (SC), and a starter motor (SM). The system is grounded to a ground stud (GND). The wiring is color-coded: white (WHT), green (GRN), black (BLK), red (RED), and blue (BLU). The diagram shows the connection of the generator's stator to the 30A/2P C.B., the 120/240V twistlock, and the 120V/20A GFCI outlets. It also shows the connection of the 20A/1P C.B. to the low oil shutdown module, the spark plug, the ignition module, the low oil pressure switch, the starter contactor, and the starter motor. The system is grounded to a ground stud (GND).

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EXCITATION WINDING
 2 6
 47µF
 CAPACITOR

POWER WINDING
 11 22 33 44
 1 2 3 4

120V/240V 30A TWISTLOCK
 11A 11B 22 44A 44B GRN

120V/20A GFCI
 11C 44C GRN C.B. 20A

120V/20A GFCI
 11D 44D GRN C.B. 20A

AC BATTERY CHARGER
 1 2 3 4 5 6
 1.5A SLO-BLO FUSE

BATTERY 12V
 12V

LOW OIL SHUTDOWN MODULE
 GRN

IM
 SP

SW1
 13A

LOP
 BLK

GND

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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
