

NOTE:

Do not use the battery charger for more than 48 hours at one charge.

Figure 13 - Battery Charger Jack



3.1 MAINTENANCE SCHEDULE

Follow the calendar intervals. More frequent service is required when operating in adverse conditions noted below.

Check Oil Level	At Each Use
Change Oil and Oil Filter ‡	*Every Season/Every 100 Hours
Clean Spark Arrestor Screen	**Every Season/Every 100 Hours
Service Air Filter	**Every Season/Every 200 Hours
Replace Spark Plug	Every Season

- ‡ Change oil after first 30 hours of operation then every season.
- * Change oil and oil filter every month when operating under heavy load or in high temperatures.
- ** Clean more often under dirty or dusty operating conditions. Replace air filter parts if very dirty.

3.2 PRODUCT SPECIFICATIONS

3.2.1 GENERATOR SPECIFICATIONS

Model	
Rated Max. Power.....	5.6 kW**
Surge Power.....	8400W
Rated AC Voltage.....	230
Rated Max AC Load	
Current @ 230V.....	24.3 Amps**
Rated Frequency.....	50 Hz @ 3000 RPM
Phase.....	Single Phase
Rated DC Voltage.....	12 Volts
Battery Type.....	10 AH, 12VDC

Model	
Rated Max. Power.....	6.4 kW**
Surge Power.....	9600W
Rated AC Voltage.....	230
Rated Max AC Load	
Current @ 230V.....	27.8 Amps**
Rated Frequency.....	50 Hz @ 3000 RPM
Phase.....	Single Phase
Rated DC Voltage.....	12 Volts
Battery Type.....	10 AH, 12VDC

** Operating temperature range: 18° C (0° F) to 40° C (104° F). When operating above 25° C (77° F), there may be a decrease in engine power.

** Maximum wattage and current are subject to, and limited by, such factors as fuel Btu content, ambient temperature, altitude, engine condition, etc.. Maximum power decreases about 3.5% for each 305 meters (1,000 feet) above sea level.

3.2.2 ENGINE SPECIFICATIONS

Displacement.....	407cc
Spark Plug Type.....	Champion RC14YC or Equivalent
Spark Plug Part No.	0E7585
Spark Plug Gap.....	0.76 mm
Gasoline Capacity.....	34.07 Liters
Oil Type.....	See Chart in "Adding Engine Oil" Section
Oil Capacity.....	w/ Filter Change = 1.42 Liters
	w/o Filter Change = 1.136 Liters
Oil Filter Part No.	070185B
Run Time/Fuel Consumption-1/2 Load	10 Hours / 3.4 Liters per hour

3.3 GENERAL RECOMMENDATIONS

The warranty of the generator does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain the generator as instructed in this manual.

Some adjustments will need to be made periodically to properly maintain the generator.

All adjustments in the Maintenance section of this manual should be made at least once each season. Follow the requirements in the "Maintenance Schedule".

NOTE:

Once a year replace the spark plug and replace the air filter. A new spark plug and clean air filter assure proper fuel-air mixture and help the engine run better and last longer.

3.3.1 GENERATOR MAINTENANCE

Generator maintenance consists of keeping the unit clean and dry. Operate and store the unit in a clean dry environment where it will not be exposed to excessive dust, dirt, moisture or any corrosive vapors. Cooling air slots in the generator must not become clogged with snow, leaves, or any other foreign material.

Check the cleanliness of the generator frequently and clean when dust, dirt, oil, moisture or other foreign substances are visible on its exterior surface.

▲ CAUTION!

! Never insert any object or tool through the air cooling slots, even if the engine is not running.

NOTE:

DO NOT use a garden hose to clean generator. Water can enter the engine fuel system and cause problems. In addition, if water enters the generator through cooling air slots, some water will be retained in voids and crevices of the rotor and stator winding insulation. Water and dirt buildup on the generator internal windings will eventually decrease the insulation resistance of these windings.