

Petrol generator - 2.4kva inverter

Before use:

- Persons using this machine must be competent experienced operator.
- Read the hazard assessment sheet.
- Ensure area is suitable for machine operation and no bystanders are present.
- Ensure the working area is clear of obstructions, powerlines and all other hazards.

OPERATING PROCEDURE

Do not operate unless:

You learn and practice the principles of safe machine operation and read the hazard assesment sheet.

1. Avoid hazardous situations.
2. Always perform a pre-operation inspection.
3. Always perform function tests prior to use.
4. Inspect the workplace.
5. Only use the machine as it was intended.

STARTING THE GENERATOR

1. Hold the fuel tank cap to avoid it moving, and turn vent knob clockwise from OFF to ON, so as to open the vent hole.
2. Turn the switch to the ON position. This turns on the ignition circuit and allows the fuel to flow.
3. Pull out choke cable button completely. **NOTE:** Choke is not required when starting a warm engine. Set choke back to original position.
4. Pull slowly on the recoil starter handlebar until it is compressing, then pull hard. **NOTE:** Grasp generator by the carry handle firmly to prevent the generator from falling when pulling the recoil starter.
5. After the engine has been started, allow engine to warm before pressing the choke button back to original position. **NOTE:** Choke cable button should be moved back to original position when generator is warmed.

NOTE: When starting the generator, place smart-throttle switch in OFF position when there is no load on the generator.

OPERATING THE GENERATOR

1. Start the generator.
2. Connect the plug with the AC socket.
3. Make sure that the AC output indicator is ON (Green).
4. Turn the smart-throttle Switch to the ON position, and then turn on all electric devices.

IMPORTANT - PLEASE NOTE: Do not run generator for extended periods with no load or minimal load (e.g. when charging batteries or powering low wattage equipment such as TVs and radios). This may cause premature spark plug failure, excessive carbon build up or high oil consumption. To prevent this, run the generator periodically with an increased load.

FUEL TANK CAP VENT KNOB

The fuel tank cap has a vent to balance inner and outer pressure of the fuel tank and stop fuel flow. Turn vent knob clockwise from OFF to ON to allow fuel to flow into carburetor to allow the generator to start.

When generator is OFF or moved, ensure to turn vent knob counter clockwise from ON to OFF to avoid possible fuel overflow or vapor.

OVERLOAD ALARM (RED)

Overload alarm is blinking - The overload alarm light (RED) will turn ON when it detects an overload of power to all connected devices. The electrical breaker will activate and stop the generator in order to protect it and connected devices. The AC output generator (green) will be off and the overload alarm (red) will stay on and the generator will not stop running.

When overload light is ON proceed as follows:

1. Disconnect all devices and press the reset button.
2. Reduce total wattage of electric devices below the output range.
3. Check for blockages around cooling air inlet and control unit. If blocked, clear it.
4. Restart the engine after checking.

NOTE: The generator output automatically resets when engine is stopped and then restarted.

NOTE: The overload indicator light may be ON for a few seconds at first when using electric devices that require a large starting current, such as air conditioner, air compressor, submersible pump, or high-power DC equipment. This is not a malfunction.

OUTPUT INDICATOR (GREEN):

When the engine is started the output indicator will turn ON (green).

LOW OIL ALARM (YELLOW)

If engine oil level falls below the lower level, the low oil alarm will turn on, and the engine will

NOTICE: Do not overload. The total load of all electrical appliances must not exceed the supply range of the generator. Overloading will damage the generator. When supplying precision equipment, PCs, electronic computers, mobile devices or battery chargers, keep the generator a sufficient distance away to prevent electrical interference. This generator is not designed for medical applications. Some electrical appliances or general-purpose electric motors have high-starting currents and may not run, even if they lie within the supply range given in the table above.

Note: This operating and safety brochure is intended as a guide only. It does not override license requirements nor is it suitable as an operating lesson. If you are unsure about any aspect of the equipment, its capabilities or the correct usage, please call our trained staff for instruction or any questions you may have regarding the safe operation of this equipment.