

Energy Matters

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OUTBACK BATTERY CHARGER – OPERATING INSTRUCTIONS **BASIC MODEL 2.5HP/3HP**

SAFETY:

1. Fuel should be stored in approved fuel containers.
2. Do not smoke near the battery charger.
3. Always switch off engine before re-fuelling and allow the engine to cool down first and avoid spilling petrol.
4. When using the battery charger in remote places, make sure dry grass or any other flammable materials cannot be ignited by sparks or the hot exhaust system.
5. Do not use this battery charger in confined spaces, make sure the area is well ventilated as exhaust gases are deadly.
6. Repairs should only be carried out by qualified tradespersons.
7. Never leave your battery charger unattended whilst it is running. Petrol engines may vibrate & fall over, which could cause a fire.
8. Disconnect the battery charger leads from the battery as soon as the charging process is complete.

OPERATING INSTRUCTIONS:

1. Check the engine oil and fuel levels before starting.
2. Always connect the leads onto the generator control panel first, and then connect the alligator clamps to the battery before starting.
3. Clamps should be connected:
POSITIVE+ TO POSITIVE+, NEGATIVE- TO NEGATIVE-, NEVER REVERSE THE LEADS AS THIS WILL CAUSE PERMANENT OR SEVERE DAMAGE TO THE ALTERNATOR AND REGULATOR AND YOUR BATTERIES.
4. The "HIGH/LOW" switch must be in the "OFF" position before starting.
5. Start the engine by the key switch or pull start according to the manufacturer's instructions.
6. Allow the engine to warm up and gain oil pressure for a few minutes by running at a low idle speed.
7. Switch the "HIGH/LOW" switch to the "LOW" position and then flick the "START CHARGE" switch on then release it (3hp only), or for the 2.5hp just increase the accelerator to max revs, (This excites the alternator fields).
8. If the charger is used for stand-by use purposes, it is advised to stay switched on the "LOW" position for a float charge.
9. For a fast charge time, switch the "HIGH/LOW" switch to the "HIGH" position for a boost charge. If the engine becomes overloaded on this setting due to a larger current drag from larger battery banks, keep the switch on "LOW" to slowly increase the battery voltage, then switch up to "HIGH".
10. Before removing the alligator clamps from the battery, switch the "HI-LOW" switch to "OFF". (This is to avoid any sparks which may cause an explosion of Hydrogen gas build-up from the charging process).
11. ALWAYS DISCONNECT THE LEADS FROM THE BATTERY WHEN THE ENGINE IS STOPPED.