1. INRODUCTION
This section provides important tips and facts about the WhisperPower WP-PMG, which is a variable speed generator system. It includes a manual and instructions for use. The WP-PMG is designed to improve ventilation and provide a cost-effective solution for running the WP-PMG. It can be used with WhisperPower WhisperSwitch and WhisperGenerator products.

2. INSTRUCTIONS FOR USE

2.1. General precautions:
- Before using the WP-PMG, read the instructions and follow all safety precautions.
- Ensure that the WP-PMG is installed correctly and securely.
- Do not modify the WP-PMG in any way.
- Keep the WP-PMG away from moisture and water.
- Do not use the WP-PMG in explosive environments.
- Keep the WP-PMG away from direct sunlight.
- Do not operated the WP-PMG near gas or oil objects.

2.2. Handling:
- Handle the WP-PMG with care to prevent damage.
- Do not apply excessive force to the WP-PMG.
- Ensure that the WP-PMG is not tilted or dropped.

2.3. Servicing:
- Regular servicing is recommended to maintain the WP-PMG's performance.
- Contact WhisperPower for servicing and repairs.

3. TROUBLESHOOTING

3.1. Power switch:
- The power switch is used to turn the WP-PMG on and off.
- When the power switch is turned on, the WP-PMG will start and run.

3.2. Engine control:
- The engine control panel allows the user to control the WP-PMG's speed and output power.
- Always ensure that the engine control panel is properly set before using the WP-PMG.

3.3. Electrical connection:
- Ensure that the electrical connection is properly made before using the WP-PMG.
- Follow the instructions provided by the manufacturer to avoid electrical damage.

4. INSTALLATION

4.1. Site selection:
- Choose an area with good ventilation and minimal noise.
- Ensure that the WP-PMG is installed on a flat and level surface.

4.2. Grounding:
- Proper grounding is essential to prevent electrical shock and fire hazards.
- Connect the WP-PMG to a grounded electrical system.

5. MAINTENANCE

5.1. Regular servicing:
- Regular servicing is required to ensure the WP-PMG's longevity.
- Contact WhisperPower for servicing and repairs.

5.2. Cleaning:
- Clean the WP-PMG regularly to prevent dust and debris buildup.
- Use a soft cloth and mild detergent to clean the WP-PMG.

6. STORAGE

6.1. Proper storage:
- Store the WP-PMG in a dry and clean area.
- Keep the WP-PMG away from moisture and water.
- Ensure that the WP-PMG is stored in a secure location.

7. SPECIFICATIONS

7.1. Technical data:
- Power output: 6kW
- Fuel consumption: 1.5L/h
- Fuel type: Diesel
- Dimensions: 1000 x 800 x 700 mm
- Weight: 250 kg

8. ENVIRONMENTAL IMPACT

8.1. Low emission:
- The WP-PMG is designed to reduce emissions and energy consumption.
- It is an environmentally friendly solution for running electrical equipment.

9. SAFETY PRECAUTIONS

9.1. Risk of electric shock:
- Do not touch the WP-PMG when it is running.
- Ensure that the WP-PMG is unplugged before servicing.

9.2. Risk of fire:
- Keep the WP-PMG away from flammable materials.
- Ensure that the WP-PMG is not exposed to sparks or fire hazards.

10. DOCUMENTATION

10.1. Owner's manual:
- The owner's manual provides instructions for using and servicing the WP-PMG.
- Follow the instructions provided by the manufacturer to avoid electrical damage.

11. CONTACT INFORMATION

11.1. WhisperPower:
- Contact WhisperPower for any questions or concerns.
- Visit www.whisperpower.com for more information.
**List of Materials**

- Screws [M4 x 0.7 12mm, with nuts if necessary] for remote control panel to unit.
- A sufficient number cable clamps available for short-circuit protection and installation of switches.
- Cable ties for ingress protection of the various inputs.
- Cables, such as for sensing the input/output voltages, etc.
- Additional materials required:
  - A slow-reacting fuse (32A recommended).
  - A grounding cable of sufficient length (till with variable plugs).
  - If another 230V source may be available, a transfer switch.

**Step 1: Mounting the unit**

- Draw the cutouts [85 x 164 mm] into the wall.
- Turn the screws / bolts (Ø 6mm) into the wall but do not tighten them entirely.
- Use cable ties of sufficient strength as a strain relief.
- The genverter cable (e.g. 4 x 6mm²) should be connected to the 12V control panel.

**Step 2: Connecting the control cable**

- Install the plug of the engine control cable into the control panel.
- Use a sufficient number of connections for operation of the fuel valve and the glow plugs.
- Insert the plug of the engine control cable into the control panel.

**Step 3: Connecting the remote control panels (optional)**

The WP-PMG has a control panel, which is used to control, and a remote control panel, the installation of which is optional. An optional small size remote control is also available.

The remote control panel can be mounted either on the wall or on the control panel. When a remote control is mounted on the wall, the cover can be used as a drill template.

**Step 4: Replacing the cover**

Put the cover protecting the terminals back into place and tighten the tapping screws.

**Step 5: Connecting the remote control panel (optional)**

The WP-PMG has a control panel, which is used to control, and a remote control panel, the installation of which is optional. An optional small size remote control is also available.

The remote control panel can be mounted either on the wall or on the control panel. When a remote control is mounted on the wall, the cover can be used as a drill template.

**Step 6: Connecting the output cable**

- Turn the screws / bolts (Ø 6mm) into the wall but do not tighten them entirely.
- Use cable ties of sufficient strength as a strain relief.
- The genverter cable (e.g. 4 x 6mm²) should be connected to the 12V control panel.

**Step 7: Connecting the control cable**

- Install the plug of the engine control cable into the control panel.
- Use a sufficient number of connections for operation of the fuel valve and the glow plugs.
- Insert the plug of the engine control cable into the control panel.

**ADVANCED FEATURES**

The topology allows a number of advanced settings to be made. On a 230V/115V system, the default setting for all switches is "0". If a 230V/115V system is used, the default setting for all switches is "0". If a 230V/115V system is used, the default setting for all switches is "0". If a 230V/115V system is used, the default setting for all switches is "0".

**230V MODEL**

- DRV SWITCHES 1-10
  - 1. VAC OUT (volts) [110V, 120V, 220V, 240V] (default OFF = 110V)
  - 2. VAC IN (volts) [110V, 120V, 220V, 240V] (default OFF = 110V)
  - 3. IN/OUT (default OFF = 110V)
  - 4. RPM (default OFF = 110V)
  - 5. RPM (default OFF = 110V)
  - 6. RPM (default OFF = 110V)
  - 7. RPM (default OFF = 110V)
  - 8. RPM (default OFF = 110V)
  - 9. RPM (default OFF = 110V)
  - 10. RPM (default OFF = 110V)

**120V MODEL**

- DRV SWITCHES 1-10
  - 1. VAC OUT (volts) [110V, 120V, 220V, 240V] (default OFF = 110V)
  - 2. VAC IN (volts) [110V, 120V, 220V, 240V] (default OFF = 110V)
  - 3. IN/OUT (default OFF = 110V)
  - 4. RPM (default OFF = 110V)
  - 5. RPM (default OFF = 110V)
  - 6. RPM (default OFF = 110V)
  - 7. RPM (default OFF = 110V)
  - 8. RPM (default OFF = 110V)
  - 9. RPM (default OFF = 110V)
  - 10. RPM (default OFF = 110V)

**List of Materials**

- Screws [M4 x 0.7 12mm, with nuts if necessary] for remote control panel with 10 mm drill, remote control panel, and remote control panel, the installation of which is optional. An optional small-size remote control is also available.
- A sufficient number of cable clamps available for short-circuit protection and installation of switches.
- Additional materials required:
  - Screws [M4 x 0.7 12mm, with nuts if necessary] for remote control panel to wall.
  - A sufficient number cable clamps available for short-circuit protection and installation of switches.
- Cable ties for ingress protection of the various inputs.
- Cables, such as for sensing the input/output voltages, etc.
- Additional materials required:
  - A slow-reacting fuse (32A recommended).
  - A grounding cable of sufficient length (till with variable plugs).
  - If another 230V source may be available, a transfer switch.

**Step 1: Mounting the unit**

- Draw the cutouts [85 x 164 mm] into the wall.
- Turn the screws / bolts (Ø 6mm) into the wall but do not tighten them entirely.
- Use cable ties of sufficient strength as a strain relief.
- The genverter cable (e.g. 4 x 6mm²) should be connected to the 12V control panel.

**Step 2: Connecting the input cable**

- Install the plug of the engine control cable into the control panel.
- Use a sufficient number of connections for operation of the fuel valve and the glow plugs.
- Insert the plug of the engine control cable into the control panel.

**Step 3: Connecting the remote control panel (optional)**

The WP-PMG has a control panel, which is used to control, and a remote control panel, the installation of which is optional. An optional small-size remote control is also available.

The remote control panel can be mounted either on the wall or on the control panel. When a remote control is mounted on the wall, the cover can be used as a drill template.

**Step 4: Replacing the cover**

Put the cover protecting the terminals back into place and tighten the tapping screws.