**Engine Driven Welder**

**CWG220D**

- KOHLER single cylinder 3600 RPM air cooled engine
- Constant current DC output
- Twin 5.0/220 kVA/V auxiliary power with ELCB protection
- Max electrode diameter 4.0mm
- 40-220 amps welding output
- Reliable & efficient asynchronous alternator
- Cellulose compatible
- Low oil output
- All copper windings

**CWG220D**

PORTABLE ENGINE DRIVEN WELDER/DELIVERS 220A OF DC WELD OUTPUT/PERMANENT MAGNET ALTERNATOR TECHNOLOGY/ DIESEL ENGINE 3600 RPM

**GENSET FEATURES**

- The CWG220D is a powerful 220A, DC diesel, engine-driven welder designed especially for contractors, maintenance/repair and all other field-based welding professionals who demand the best welding arc.
- Delivers 5.0 kVA of 115V/230V AC power for a grinder, lights or other power tools.
- D.C. welding current 220A @ 60%.
- Automatic idle device when no load is connected.
- Heavy duty rugged roll frame for higher protection/carry.
- Up to 220 amps of CC welding output for welding steel, stainless steel, cast iron or hard facing projects with up to 4mm stick electrode.
- Easy to maintain engine with oil changes only every 100 hours. No oil filter to change.
- Dependability and long life aided by all-copper windings in rotor and stator with high quality insulation.
- Manufactured under a quality system certified to ISO 9001 requirements.

Why buy just a generator when you can buy a generator that also welds?
### D.C. WELDING
- Current range, continuous: 40A - 220A
- Duty cycle: 220A - 60%
- Rated voltage: 36V
- Open circuit voltage: 65V
- Welding rod capacity: 2.5 - 4.0 mm

### A.C. GENERATION
- Max AC output: 5.0 kVA
- Power phase: Single
- Rated frequency: 50/60 Hz
- Power factor: 1.0
- Insulation class: H
- Output socket: 220/16 V/A

### ENGINE SPECIFICATIONS
- Engine model: KOHLER 15LD440
- Engine type: 4-stroke engine
- Speed: 3600 rpm
- Cylinders: 1
- Displacement: 442 cm³
- Bore: 86 mm
- Stroke: 76 mm
- Compression ratio: 20.3:1
- Rating: 9.0/12.0 KW/HP
- Max. torque: 25@2200 Nm
- Fuel type: Diesel
- Cooling: Air cooled
- Fuel tank capacity: 6.5 l
- Fuel consumption: 1.0 l/h.
- Oil consumption: 0.0048 kg/h.
- Dry weight: 45 kg

### GENERAL SPECIFICATIONS
- Protection degree: IP23
- Sound level: 72 dB(A)
- Recommended battery: 12/44 V/Ah
- Sound level: 72 dB(A) @7m
- Running time (welding 60%): 6 - 8 h
- Housing: Frame
- Recommended battery: 12/44 V/Ah
- Dimensions: L815 x W480 x H620 mm
- Dry weight: 86 kg

### Generator Power Application Chart

<table>
<thead>
<tr>
<th>Suggested Power Applications</th>
<th>Running Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airless Sprayer - 1/3 HP</td>
<td>600</td>
</tr>
<tr>
<td>Electric Motor - 1 HP</td>
<td>1,000</td>
</tr>
<tr>
<td>Portable Grinder - 7 in.</td>
<td>2,000</td>
</tr>
<tr>
<td>Drill - 1 inch</td>
<td>1,000</td>
</tr>
<tr>
<td>Drill - 1/2 inch</td>
<td>600</td>
</tr>
<tr>
<td>Bench Grinder - 8 in.</td>
<td>1,400</td>
</tr>
<tr>
<td>Air Compressor – 1 HP</td>
<td>975</td>
</tr>
<tr>
<td>Halogen Work Light</td>
<td>500</td>
</tr>
<tr>
<td>Hand Drill - 3/8 inch</td>
<td>700</td>
</tr>
<tr>
<td>Submersible Pump - 1 HP</td>
<td>1,000</td>
</tr>
<tr>
<td>Sump Pump</td>
<td>600</td>
</tr>
</tbody>
</table>

### For Site Work & Remote Applications
- Fabrication
- Maintenance
- Civil Engineering
- Rail Road
- Offshore
- Construction
- Pipeline
- Mining
- Rural

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