STANDBY GENERATORS

10 kW / 15 kW / 20 kW

AIR-COOLED GENERATOR SETS

Standby Power Rating
Model 006032-0 - 10 kW 60Hz
Model 006033-0 - 15 kW 60Hz
Model 006034-0 - 20 kW 60Hz

INCLUDES

• PrecisionPower™ Electrical Technology
• Two Line LCD Tri-lingual Digital Controller
• Electronic Governor
• External Main Circuit Breaker & System Status LED Indicators
• Flexible Fuel Line Connector
• GFCI Duplex Outlet
• WhisperCheck Exercise (15 & 20 kW)
• Installed Wireless Remote Monitor
• Composite Mounting Pad
• Aluminum Enclosure
• Base Fascia
• Natural Gas or LP Gas Operation
• 5 Year Limited Warranty
• UL 2200 Listed

FEATURES

○ INNOVATIVE DESIGN & PROTOTYPE TESTING are key components of our success in “IMPROVING POWER BY DESIGN.” But it doesn’t stop there. Total commitment to component testing, reliability testing, environmental testing, destruction and life testing, plus testing to applicable CSA, NEMA, EGSA, and other standards, allows you to choose Honeywell generators with the confidence that these systems will provide superior performance.

○ TEST CRITERIA
  • PROTOTYPE TESTED
  • SYSTEM TORSIONAL TESTED
  • NEMA MG1-22 EVALUATION
  • MOTOR STARTING ABILITY

○ PrecisionPower™ ELECTRICAL TECHNOLOGY Superior harmonics and sine wave form produce less than 5% Total Harmonic Distortion for utility quality power. This allows confident operation of sensitive electronic equipment and micro-chip based appliances, such as variable speed HVAC.

○ SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION This state-of-the-art power maximizing regulation system is standard on all Honeywell models. It provides optimized FAST RESPONSE to changing load conditions and MAXIMUM MOTOR STARTING CAPABILITY by electronically torque-matching the surge loads to the engine. An unequalled ±1% voltage regulation.

○ SINGLE SOURCE SERVICE RESPONSE from our extensive dealer network provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.

○ Honeywell TRANSFER SWITCHES The Honeywell generator line offers its own transfer systems and controls for total system compatibility.
# 10 kW / 15 kW / 20 kW Air-Cooled Generator Sets

## ENGINE
- Generac OHVI® Design
- “Spiny-lok” cast iron cylinder walls
- Electronic ignition/spark advance
- Full pressure lubrication system
- Low oil pressure shutdown system
- High temperature shutdown

Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings help engine run cooler, reducing oil consumption. Because heat is the primary cause of engine wear, the OHVI has a significantly longer life than competitive engines.

Rigid construction and added durability provide long engine life.

These features combine to assure smooth, quick starting every time.

Superior lubrication to all vital bearings means better performance, less maintenance and significantly longer engine life. Now featuring a 2 year/200 hour oil change interval.

Superior shutdown protection prevents catastrophic engine damage due to low oil. Prevents damage due to overheating.

## GENERATOR
- Revolving field
- Skewed rotor (10 kW)
  - Skewed stator (15 & 20 kW)
- Displaced phase excitation
- Automatic voltage regulation
- UL 2200 Listed

Allows for smaller, lightweight unit that operates 25% more efficiently than a revolving armature generator.

Produces a smooth output waveform for compatibility with electronic equipment.

Maximizes motor starting capability.

Regulates the output voltage to ±1% prevents damaging voltage spikes.

For your safety

## TRANSFER SWITCH

Sold separately

## CONTROLS
- Manual/Auto/Off switch
- Utility voltage sensing
- Generator voltage sensing
- Utility interrupt delay
- Engine warm-up
- Engine cool-down
- Programmable seven day exerciser
- Smart battery charger
- Main Line Circuit Breaker
- Electronic governor

Selects the operating mode.

Constantly monitors utility voltage, setpoints 60% dropout, 80% pick-up, of standard voltage.

Constantly monitors generator voltage to ensure the cleanest power delivered to the home.

Prevents nuisance start-ups of the engine, adjustable 10-30 seconds.

Ensures engine is ready to assume the load, setpoint approximately 5 seconds.

Allows engine to cool prior to shutdown, setpoint approximately 1 minute.

Operates engine to prevent oil seal drying and damage between power outages by running the generator for 12 minutes every week.

Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature.

Protects generator from overload.

Maintains constant 60 Hz frequency.

## UNIT
- Aluminum weather protective enclosure
- Enclosed critical grade muffler
- Small, compact, attractive

Provides protection against mother nature. Hinged key locking roof panel for security. Lift-out front for easy access to all routine maintenance items. Electrostatically applied textured epoxy paint for added durability.

Quiet, critical grade muffler is mounted inside the unit to prevent injuries.

Makes for an easy, eye appealing installation.

## INSTALLATION SYSTEM
- 1’ Flexible Fuel Line Connector
- Composite Mounting Pad

Easy Installation
### Generator Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>006032-0 (10 kW)</th>
<th>006033-0 (15 kW)</th>
<th>006034-0 (20 kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Maximum Continuous Power Capacity (LP)</strong></td>
<td>10,000 Watts*</td>
<td>15,000 Watts*</td>
<td>20,000 Watts*</td>
</tr>
<tr>
<td><strong>Rated Maximum Continuous Power Capacity (NG)</strong></td>
<td>9,000 Watts*</td>
<td>15,000 Watts*</td>
<td>18,000 Watts*</td>
</tr>
<tr>
<td><strong>Rated Voltage</strong></td>
<td>240</td>
<td>240</td>
<td>240</td>
</tr>
<tr>
<td><strong>Rated Maximum Continuous Load Current – 240 Volts</strong></td>
<td>41.6 LP/37.5 NG</td>
<td>62.5 LP/52.5 NG</td>
<td>83.3 LP/75 NG</td>
</tr>
<tr>
<td><strong>Total Harmonic Distortion</strong></td>
<td>Less than 5%</td>
<td>Less than 5%</td>
<td>Less than 5%</td>
</tr>
<tr>
<td><strong>Main Line Circuit Breaker</strong></td>
<td>45 Amp</td>
<td>65 Amp</td>
<td>100 Amp</td>
</tr>
<tr>
<td><strong>Number of Rotor Poles</strong></td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Rated AC Frequency</strong></td>
<td>60Hz</td>
<td>60Hz</td>
<td>60Hz</td>
</tr>
<tr>
<td><strong>Power Factor</strong></td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Battery Requirement (not included)</strong></td>
<td>Group 26R 12 Volts and 525 Cold-cranking Amperes Minimum</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Unit Weight (Pounds/Kilos)</strong></td>
<td>353/150</td>
<td>421/191</td>
<td>451/204.6</td>
</tr>
<tr>
<td><strong>Dimensions (L x W x H) Inches/mm</strong></td>
<td>48 x 25 x 29 (1218 x 638 x 732)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sound output in dB(A) at 23 ft. with generator operating at normal load</strong></td>
<td>62</td>
<td>66</td>
<td>66</td>
</tr>
<tr>
<td><strong>Sound output in dB(A) at 23 ft. with generator in WhisperCheck™ low speed exercise mode</strong></td>
<td>NA</td>
<td>60</td>
<td>60</td>
</tr>
</tbody>
</table>

### Engine Specifications

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<thead>
<tr>
<th>Model</th>
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<th>006033-0 (15 kW)</th>
<th>006034-0 (20 kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of Engine</strong></td>
<td>GENERAC OHVI</td>
<td>GENERAC OHVI V-TWIN</td>
<td>GENERAC OHVI V-TWIN</td>
</tr>
<tr>
<td><strong>Number of Cylinders</strong></td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Displacement</strong></td>
<td>530cc</td>
<td>992cc</td>
<td>999cc</td>
</tr>
<tr>
<td><strong>Cylinder Block</strong></td>
<td>Aluminum w/Cast Iron Sleeve</td>
<td>Aluminum w/Cast Iron Sleeve</td>
<td>Aluminum w/Cast Iron Sleeve</td>
</tr>
<tr>
<td><strong>Valve Arrangement</strong></td>
<td>Overhead Valve</td>
<td>Overhead Valve</td>
<td>Overhead Valve</td>
</tr>
<tr>
<td><strong>Ignition System</strong></td>
<td>Solid-state w/Magneto</td>
<td>Solid-state w/Magneto</td>
<td>Solid-state w/Magneto</td>
</tr>
<tr>
<td><strong>Governor System</strong></td>
<td>Electronic</td>
<td>Electronic</td>
<td>Electronic</td>
</tr>
<tr>
<td><strong>Compression Ratio</strong></td>
<td>9.5:1</td>
<td>9.5:1</td>
<td>9.5:1</td>
</tr>
<tr>
<td><strong>Starter</strong></td>
<td>12 Vdc</td>
<td>12 Vdc</td>
<td>12 Vdc</td>
</tr>
<tr>
<td><strong>Oil Capacity Including Filter</strong></td>
<td>Approx. 1.7 Qts./1.6L</td>
<td>Approx. 1.9 Qts./1.8L</td>
<td>Approx. 1.9 Qts./1.8L</td>
</tr>
<tr>
<td><strong>Operating RPM</strong></td>
<td>3,600</td>
<td>3,600</td>
<td>3,600</td>
</tr>
</tbody>
</table>

### Fuel Consumption

<table>
<thead>
<tr>
<th>Natural Gas</th>
<th>Cu.ft./hr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 Load</td>
<td>102</td>
</tr>
<tr>
<td>Full Load</td>
<td>156</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Liquid Propane</th>
<th>Ft³/hr (gal/hr) [liter/hr]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 Load</td>
<td>46 (1.25) [4.73]</td>
</tr>
<tr>
<td>Full Load</td>
<td>70 (1.93) [7.31]</td>
</tr>
</tbody>
</table>

### Controls

- **2-Line Plain Text LCD Display**: Simple user interface for ease of operation
- **Mode Switch**
  - **Auto**: Automatic Start on Utility failure. 7 day exerciser
  - **Off**: Starts unit. Power is removed. Control and charger still operate.
  - **Manual/Test (start)**: Start with starter control, unit stays on. If utility fails, transfer to load takes place.
- **Programmable start delay between 10-30 seconds**: Standard
- **Engine Start Sequence**
  - Cyclic cranking: 16 sec. on, 7 rest (90 sec. maximum duration)
- **Engine Warm-up**: 5 seconds
- **Engine Cool-down**: 1 minute
- **Starter Lock-out**: Starter cannot re-engage until 5 sec. after engine has stopped.
- **Smart Battery Charger**: Standard
- **Automatic Voltage Regulation with Over and Under Voltage Protection**: Standard
- **Automatic Low Oil Pressure Shutdown**: Standard
- **Over speed Shutdown**: Standard, 72Hz
- **High Temperature Shutdown**: Standard
- **Overcrank Protection**: Standard
- **Safety Fused**: Standard
- **Failure to Transfer Protection**: Standard
- **Low Battery Protection**: Standard
- **50 Event Run Log**: Standard
- **Future Set Capable Exerciser**: Standard
- **Incorrect Wiring Protection**: Standard
- **Internal Fault Protection**: Standard
- **Common External Fault Capability**: Standard

**Rating Definitions**:
- **Standby**: Applicable for supplying emergency power for the duration of the utility power outage. No overload capability is available for this rating. (All ratings in accordance with BS5514, ISO3046 and DIN6271) *Maximum wattage and current are subject to and limited by such factors as fuel Btu content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases about 3.5 percent for each 1,000 feet above sea level, and also will decrease about 1 percent for each 10° F below 60°F.\)