Rental Power
35 - 60 kW

Description
This Cummins Power Generation rental package is a fully integrated mobile power generation system, providing optimum performance, reliability and versatility for standby and prime power applications.

Features

Cummins diesel engines
- Rugged 4-cycle industrial diesel engine with excellent transient performance.
- Certified to U.S. EPA Mobile Off Highway Standards.
- Lightweight, compact, and excellent fuel economy.
- Equipped with electronic governor.
- Includes jacket water heater for more reliable operation in emergency standby applications.

Engine controls
- The standard Detector™ control features NFPA 110 compliance.

Stamford® alternators
- Designed and built by Cummins Power Generation.
- Oversized alternator for improved motor starting and low temperature rise in prime and continuous applications.
- Permanent magnet excitation for improved performance in cyclic and non-linear load applications.
- 12-lead reconnectable alternator fitted with voltage selection switch.

<table>
<thead>
<tr>
<th>Model</th>
<th>kW rating</th>
<th>Cummins engine model</th>
<th>Sound level</th>
<th>Generator specification sheet #</th>
<th>Hours of operation (75% load)</th>
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<tr>
<td></td>
<td>Standby</td>
<td>Prime</td>
<td>dBA @7m</td>
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<td>DGBB</td>
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<td>32</td>
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<td>S-1111 (50 Hz) S-1110 (60 Hz)</td>
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S-1408e (3/07)
**Electrical features**

- Multiple voltage selector switch (480/277 VAC/3 phase/Wye or 208/120 VAC/3 phase/Wye or 240/120 VAC/3 phase delta).
- Internal 120 VAC shore power distribution panel for powering:
  - Jacket water heater.
  - Battery charger.
  - GFI-protected convenience receptacles.
- Battery disconnect switch.
- Safety switch on load connection cover.
- Low fuel level and retention tank fluid detection alarms.

**Base frame/fuel tank**

Fabricated field style sub-base fuel tank including:

- Fork lift pockets.
- 4-point lift compatible.
- Mechanical direct reading fuel gauge visible from internal tank fill port.
- 4” x 2” square ID mounting fixtures (for distribution equipment and convenience panels).
- Grip-strut steps at both ends.
- Complete fluid containment reservoir for engine fluids.
- NFPA 30 compliant fuel tank design.
- UL 142 Listed dual wall fuel tank with:
  - Vented retention tank.
  - Retention tank fluid detection alarm.
  - Low fuel level alarm.
  - Vertically extended normal vents to ensure complete filling without spillage.
  - Fittings for AFTS (Automatic Fuel Transfer System)

**Control System**

**Detector control**

- Automatic remote starting
- Controls components designed to withstand the vibration levels typical in generator sets
- Controls generator set starting and shutdown

**Standard Detector 12 light (NFPA 110) control description**

- 12 light engine monitor (NFPA 110 level)
- Common alarm contact
- Coolant temperature gauge
- Cycle cranking control
- DC voltmeter
- Field circuit breaker
- Individual 1/2 A relay signals
- Lamp test switch
- Oil pressure gauge
- Remote starting, 12 V, 2 wire
- Reset switch
- Run-off-auto switch
- Running time meter

**Optional Features Shown**

- 12 light engine monitor (NFPA 110 level)
- Common alarm contact
- Coolant temperature gauge
- Cycle cranking control
- DC voltmeter
- Field circuit breaker
- Individual 1/2 A relay signals
- Lamp test switch
- Oil pressure gauge
- Remote starting, 12 V, 2 wire
- Reset switch
- Run-off-auto switch
- Running time meter

**Standard features**

- 5% voltage adjust rheostat
- AC ammeter (dual scale)
- AC voltmeter (dual scale)
- Dual scale frequency/tachometer
- Engine gauges
- High coolant temperature shutdown (red light)
- Low coolant temperature (yellow light)
- Low oil pressure shutdown (red light)

**Optional features**

- Overcrank shutdown (red light)
- Overspeed shutdown (red light)
- Pre-alarm high coolant temp (yellow light)
- Pre-alarm low oil pressure (yellow light)
- Run indicator (green light)
- Two customer selected faults (red light)
- Voltmeter/Ammeter phase selector
- Audible alarm
- Emergency stop
- Low battery voltage warning
- Low coolant level warning or shutdown
- Remote fault signal package
- Speed adjust rheostat
- Time delay start/stop

**Our energy working for you.™**

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S-1408e (3/07)
Ratings definitions

Standby:
Applicable for supplying emergency power for the duration of normal power interruption. No sustained overload capability is available for this rating. Nominally rated. (Equivalent to Fuel Stop Power in accordance with ISO3046, AS2789, DIN6271, and BS5514.)

Prime (unlimited running time):
Applicable for supplying power in lieu of commercially purchased power. Prime power is the maximum power available at a variable load for an unlimited number of hours. A 10% overload capability is available for limited time. Nominally rated. (Equivalent to Prime Power in accordance with ISO8528 and Overload Power in accordance with ISO3046, AS2789, DIN6271, and BS5514.)

Base load (continuous)
Applicable for supplying power continuously to a load for this rating. Nominally rated. Consult authorized distributor for rating. (Equivalent to Continuous Power in accordance with ISO8528, ISO3046, AS2789, DIN6271, and BS5514.)

Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Dim “A” mm (in.)</th>
<th>Dim “B” mm (in.)</th>
<th>Dim “C” mm (in.)</th>
<th>Weight w/o fuel kg (lbs)</th>
<th>Weight with fuel kg (lbs)</th>
<th>Fuel capacity liters (gal)</th>
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</thead>
<tbody>
<tr>
<td>DGBB</td>
<td>3188 (126)</td>
<td>1067 (42)</td>
<td>1753 (69)</td>
<td>1667 (3765)</td>
<td>1957 (4314)</td>
<td>341 (90)</td>
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<td>1067 (42)</td>
<td>1753 (69)</td>
<td>1672 (3685)</td>
<td>1961 (4324)</td>
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<td>1067 (42)</td>
<td>1753 (69)</td>
<td>1753 (3865)</td>
<td>2043 (4504)</td>
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<td>1753 (3865)</td>
<td>2043 (4504)</td>
<td>341 (90)</td>
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</tbody>
</table>

Note: All weights and dimensions are without trailer.