Diesel Generator Set
Model DFAC 60 Hz
250 kW, 313 kVA Standby
225 kW, 281 kVA Prime

Description
The Cummins Power Generation DF-series commercial generator set is a fully integrated power generation system providing optimum performance, reliability, and versatility for stationary standby or prime power applications.

A primary feature of the DF GenSet is strong motor-starting capability and fast recovery from transient load changes. The torque-matched system includes a heavy-duty Cummins 4-cycle diesel engine, an AC alternator with high motor-starting kVA capacity, and an electronic voltage regulator with three-phase sensing for precise regulation under steady-state or transient loads. The DF GenSet accepts 100% of the nameplate standby rating in one step, in compliance with NFPA 110 requirements.

The standard PowerCommand® digital electronic control is an integrated system that combines engine and alternator controls for high reliability and optimum GenSet performance.

Optional weather-protective enclosures and coolant heaters shield the generator set from extreme operating conditions. Environmental concerns are addressed by low exhaust emission engines, sound-attenuated enclosures, exhaust silencers, and dual-wall fuel tanks. A wide range of options, accessories, and services are available, allowing configuration to your specific power generation needs.

Every production unit is factory tested at rated load and power factor. This testing includes demonstration of rated power and single-step rated load pickup. Cummins Power Generation manufacturing facilities are registered to ISO9001 quality standards, emphasizing our commitment to high quality in the design, manufacture, and support of our products. The generator set is CSA certified and is available as UL2200 Listed. The PowerCommand control is UL508 Listed.

All Cummins Power Generation systems are backed by a comprehensive warranty program and supported by a worldwide network of 170 distributors and service branches to assist with warranty, service, parts, and planned maintenance support.

Features
UL Listed Generator Set - The complete generator set assembly is available Listed to UL2200.

Cummins Heavy-Duty Engine - Rugged 4-cycle industrial diesel engine delivers reliable power, low emissions, and fast response to load changes.

Alternator - Several alternator sizes offer selectable motor-starting capability with low reactance 2/3 pitch windings, low waveform distortion with non-linear loads, fault-clearing short-circuit capability, and class H insulation. The alternator electrical insulation system is UL1446 Recognized.

Permanent Magnet Generator (PMG) - Offers enhanced motor starting and fault-clearing short circuit capability.

Control System - The PowerCommand electronic control is standard equipment and provides total genset system integration, including automatic remote starting/stopping, precise frequency and voltage regulation, alarm and status message display, AmpSentry™ protection, output metering, auto-shutdown at fault detection, and NFPA 110 compliance. PowerCommand control is Listed to UL508.

Cooling System - Provides reliable running at the rated power level, at up to 50°C ambient temperature.

Structural Steel Skid Base - Robust skid base supports the engine, alternator, and radiator.

E-Coat Finish - Dual electro-deposition paint system provides high resistance to scratching, corrosion, and fading.

Enclosures - Optional weather-protective and sound-attenuated enclosures are available.

Fuel Tanks - Dual wall sub-base fuel tanks are also offered.

Certifications - Generator sets are designed, manufactured, tested, and certified to relevant UL, NFPA, ISO, IEC, and CSA standards.

Warranty and Service - Backed by a comprehensive warranty and worldwide distributor network.
Generator Set

The general specifications provide representative configuration details. Consult the outline drawing for installation design.

Specifications – General

See outline drawing 500-3012 for installation design specifications.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Standby</th>
<th>Prime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Width, in (mm)</td>
<td>50.0 (1270)</td>
<td>50.0 (1270)</td>
</tr>
<tr>
<td>Unit Height, in (mm)</td>
<td>63.7 (1617)</td>
<td>63.7 (1617)</td>
</tr>
<tr>
<td>Unit Length, in (mm)</td>
<td>134.0 (3404)</td>
<td>134.0 (3404)</td>
</tr>
<tr>
<td>Unit Dry Weight, lb (kg)</td>
<td>5900 (2676)</td>
<td>5900 (2676)</td>
</tr>
<tr>
<td>Unit Wet Weight, lb (kg)</td>
<td>6090 (2762)</td>
<td>6090 (2762)</td>
</tr>
<tr>
<td>Rated Speed, rpm</td>
<td>1800</td>
<td>1800</td>
</tr>
<tr>
<td>Voltage Regulation, No Load to Full Load</td>
<td>±0.5%</td>
<td>±0.5%</td>
</tr>
<tr>
<td>Random Voltage Variation</td>
<td>±0.5%</td>
<td>±0.5%</td>
</tr>
<tr>
<td>Frequency Regulation</td>
<td>Isochronous</td>
<td>Isochronous</td>
</tr>
<tr>
<td>Random Frequency Variation</td>
<td>±0.25%</td>
<td>±0.25%</td>
</tr>
<tr>
<td>Radio Frequency Interference</td>
<td>IEC 801.2, Level 4 Electrostatic Discharge</td>
<td>IEC 801.2, Level 4 Electrostatic Discharge</td>
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<tr>
<td></td>
<td>IEC 801.3, Level 3 Radiated Susceptibility</td>
<td>IEC 801.3, Level 3 Radiated Susceptibility</td>
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<tr>
<td></td>
<td>IEC 801.4, Level 4 Electrical Fast Transients</td>
<td>IEC 801.4, Level 4 Electrical Fast Transients</td>
</tr>
<tr>
<td></td>
<td>IEC 801.5, Level 5 Voltage Surge Immunity</td>
<td>IEC 801.5, Level 5 Voltage Surge Immunity</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Cooling</th>
<th>Standby</th>
<th>Prime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Load, HP (kW)</td>
<td>11.4 (8.5)</td>
<td>11.4 (8.5)</td>
</tr>
<tr>
<td>Coolant Capacity with radiator, US Gal (L)</td>
<td>13.0 (49.2)</td>
<td>13.0 (49.2)</td>
</tr>
<tr>
<td>Coolant Flow Rate, Gal/min (L/min)</td>
<td>97.0 (367.1)</td>
<td>97.0 (367.1)</td>
</tr>
<tr>
<td>Heat Rejection To Coolant, Btu/min (MJ/min)</td>
<td>8360.0 (8.9)</td>
<td>7590.0 (8.0)</td>
</tr>
<tr>
<td>Heat Radiated To Room, Btu/min (MJ/min)</td>
<td>3240.0 (3.4)</td>
<td>2950.0 (3.1)</td>
</tr>
<tr>
<td>Maximum Coolant Friction Head, psi (kPa)</td>
<td>7.0 (48.3)</td>
<td>7.0 (48.3)</td>
</tr>
<tr>
<td>Maximum Coolant Static Head, ft (m)</td>
<td>60.0 (18.3)</td>
<td>60.0 (18.3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air</th>
<th>Standby</th>
<th>Prime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combustion Air, scfm (m³/min)</td>
<td>665.0 (18.8)</td>
<td>610.0 (17.3)</td>
</tr>
<tr>
<td>Alternator Cooling Air, scfm (m³/min)</td>
<td>1240.0 (35.1)</td>
<td>1240.0 (35.1)</td>
</tr>
<tr>
<td>Radiator Cooling Air, scfm (m³/min)</td>
<td>13320.0 (377.0)</td>
<td>13320.0 (377.0)</td>
</tr>
<tr>
<td>Max. Static Restriction, in H₂O (Pa)</td>
<td>0.5 (124.5)</td>
<td>0.5 (124.5)</td>
</tr>
</tbody>
</table>

Rating Definitions

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

**Prime (Unlimited Running Time) Rating based on:** 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. (Equivalent to Prime Power in accordance with ISO8528 and Overload Power in accordance with ISO3046, AS2789, DIN6271, and BS5514). This rating is not applicable to all generator set models.

**Base Load (Continuous) Rating based on:** Applicable for supplying power continuously to a constant load up to the full output rating for unlimited hours. No sustained overload capability is available for this rating. Consult authorized distributor for rating. (Equivalent to Continuous Power in accordance with ISO8528, ISO3046, AS2789, DIN6271, and BS5514). This rating is not applicable to all generator set models.

**Site Derating Factors**

Rated power available up to 5500 ft (1678 m) at ambient temperatures up to 104°F (40°C). Above 5500 ft (1678 m), derate at 4% per 1000 ft (305 m) and 1% per 10°F (2% per 11°C) above 104°F (40°C).
Engine
Cummins heavy duty diesel engines use advanced combustion technology for reliable and stable power, low emissions, and fast response to sudden load changes.

Electronic governing provides precise speed regulation, especially useful for applications requiring constant (isochronous) frequency regulation such as Uninterruptible Power Supply (UPS) systems, non-linear loads, or sensitive electronic loads. Optional coolant heaters are recommended for all emergency standby installations or for any application requiring fast load acceptance after start-up.

Specifications – Engine

<table>
<thead>
<tr>
<th>Base Engine</th>
<th>Cummins Model LTA10-G1, Turbocharged and Aftercooled, diesel-fueled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Displacement in³ (L)</td>
<td>610.0 (10.0)</td>
</tr>
<tr>
<td>Overspeed Limit, rpm</td>
<td>2100 ±50</td>
</tr>
<tr>
<td>Regenerative Power, kW</td>
<td>26.00</td>
</tr>
<tr>
<td>Cylinder Block Configuration</td>
<td>Cast iron with replaceable wet cylinder liners, In-line 6 cylinder</td>
</tr>
<tr>
<td>Battery Capacity</td>
<td>550 amps minimum at ambient temperature of 32°F (0°C)</td>
</tr>
<tr>
<td>Battery Charging Alternator</td>
<td>55-amps</td>
</tr>
<tr>
<td>Starting Voltage</td>
<td>24-volt, negative ground</td>
</tr>
<tr>
<td>Lube Oil Filter Types</td>
<td>Single spin-on, full flow/bypass</td>
</tr>
<tr>
<td>Standard Cooling System</td>
<td>122°F (50°C) ambient radiator</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power Output</th>
<th>Standby</th>
<th>Prime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Engine Power Output, bhp (kWm)</td>
<td>380.0 (283.5)</td>
<td>345.0 (257.4)</td>
</tr>
<tr>
<td>BMEP at Rated Load, psi (kPa)</td>
<td>269.0 (1854.7)</td>
<td>243.0 (1675.4)</td>
</tr>
<tr>
<td>Bore, in. (mm)</td>
<td>4.92 (125.0)</td>
<td>4.92 (125.0)</td>
</tr>
<tr>
<td>Stroke, in. (mm)</td>
<td>5.35 (135.9)</td>
<td>5.35 (135.9)</td>
</tr>
<tr>
<td>Piston Speed, ft/min (m/s)</td>
<td>1605.0 (8.2)</td>
<td>1605.0 (8.2)</td>
</tr>
<tr>
<td>Compression Ratio</td>
<td>16.0:1</td>
<td>16.0:1</td>
</tr>
<tr>
<td>Lube Oil Capacity, qt. (L)</td>
<td>38.0 (36.0)</td>
<td>38.0 (36.0)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fuel Flow</th>
<th>Standby</th>
<th>Prime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Flow at Rated Load, US Gal/hr (L/hr)</td>
<td>64.0 (242.2)</td>
<td>64.0 (242.2)</td>
</tr>
<tr>
<td>Maximum Inlet Restriction, in. Hg (mm Hg)</td>
<td>4.0 (101.6)</td>
<td>4.0 (101.6)</td>
</tr>
<tr>
<td>Maximum Return Restriction, in. Hg (mm Hg)</td>
<td>6.5 (165.1)</td>
<td>6.5 (165.1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Air Cleaner</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Air Cleaner Restriction, in. H₂O (kPa)</td>
<td>25.0 (6.2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exhaust</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust Flow at Rated Load, cfm (m³/min)</td>
<td>1825.0 (51.6)</td>
</tr>
<tr>
<td>Exhaust Temperature, °F (°C)</td>
<td>965.0 (518.3)</td>
</tr>
<tr>
<td>Max Back Pressure, in. H₂O (kPa)</td>
<td>41.0 (10.2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fuel System</th>
<th>Direct injection, number 2 diesel fuel; fuel filter; automatic electric fuel shutoff.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Consumption</td>
<td></td>
</tr>
<tr>
<td>60 Hz Ratings, kW (kVA)</td>
<td>Standby</td>
</tr>
<tr>
<td>Load</td>
<td>250 (313)</td>
</tr>
<tr>
<td>US Gal/hr</td>
<td>5.5</td>
</tr>
<tr>
<td>L/hr</td>
<td>21</td>
</tr>
</tbody>
</table>
Alternator

Several alternators are available for application flexibility based on the required motor-starting kVA and other requirements. Larger alternator sizes have lower temperature rise for longer life of the alternator insulation system. In addition, larger alternator sizes can provide a cost-effective use of engine power in across-the-line motor-starting applications and can be used to minimize voltage waveform distortion caused by non-linear loads.

Single-bearing alternators couple directly to the engine flywheel with flexible discs for drivetrain reliability and durability. No gear reducers or speed changers are used. Two-thirds pitch windings eliminate third-order harmonic content of the AC voltage waveform and provide the standardization desired for paralleling of generator sets. The standard excitation system is a PMG excited system.

Alternator Application Notes

Separately Excited Permanent Magnet Generator (PMG) System - This standard system uses an integral PMG to supply power to the voltage regulator. A PMG system generally has better motor-starting performance, lower voltage dip upon load application, and better immunity from problems with harmonics in the main alternator output induced by non-linear loads. This system provides improved performance over self-excited regulators in applications that have large transient loads, sensitive electronic loads (especially UPS applications), harmonic content, or that require sustained short-circuit current (sustained 3-phase short circuit current at approximately 3 times rated for 10 seconds).

Alternator Sizes - On any given model, various alternator sizes are available to meet individual application needs. Alternator sizes are differentiated by maximum winding temperature rise, at the generator set standby or prime rating, when operated in a 40°C ambient environment. Available temperature rises range from 80°C to 150°C. Not all temperature rise selections are available on all models. Lower temperature rise alternators have higher motor-starting kVA, lower voltage dip upon load application, and they are generally recommended to limit voltage distortion and heating due to harmonics induced by non-linear loads.

Alternator Space Heater - is recommended to inhibit condensation.

Available Output Voltages

<table>
<thead>
<tr>
<th>Three Phase Reconnectable</th>
<th>Three Phase Non-Reconnectable</th>
</tr>
</thead>
<tbody>
<tr>
<td>110/190</td>
<td>277/480</td>
</tr>
<tr>
<td>115/200</td>
<td>347/600</td>
</tr>
<tr>
<td>120/208</td>
<td></td>
</tr>
<tr>
<td>127/220</td>
<td></td>
</tr>
<tr>
<td>139/240</td>
<td></td>
</tr>
<tr>
<td>120/240</td>
<td></td>
</tr>
<tr>
<td>220/380</td>
<td></td>
</tr>
<tr>
<td>240/416</td>
<td></td>
</tr>
<tr>
<td>254/440</td>
<td></td>
</tr>
<tr>
<td>277/480</td>
<td></td>
</tr>
</tbody>
</table>
Specifications – Alternator

Design
Brushless, 4-pole, drip-proof revolving field

Stator
2/3 pitch

Rotor
Direct-coupled by flexible disc

Insulation System
Class H per NEMA MG1-1.65 and BS2757

Standard Temperature Rise
125°C standby

Exciter Type
Permanent Magnet Generator (PMG)

Phase Rotation
A (U), B (V), C (W)

Alternator Cooling
Direct-drive centrifugal blower

AC Waveform Total Harmonic Distortion
<5% total no load to full linear load
<3% for any single harmonic

Telephone Influence Factor (TIF)
<50 per NEMA MG1-22.43.

Telephone Harmonic Factor (THF)
<3

### Three Phase Table

<table>
<thead>
<tr>
<th>Feature Code</th>
<th>B260</th>
<th>B302</th>
<th>B259</th>
<th>B301</th>
<th>B258</th>
<th>B252</th>
<th>B246</th>
<th>B300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet Number</td>
<td>304</td>
<td>303</td>
<td>303</td>
<td>302</td>
<td>302</td>
<td>302</td>
<td>301</td>
<td>301</td>
</tr>
</tbody>
</table>

| Surge kW       | 256  | 259  | 254  | 257  | 254  | 254  | 255  | 255  |
| Motor Starting kVA (at 90% sustained voltage) | PMG | 1372 | 1210 | 1210 | 1028 | 1210 | 1028 | 904  |

| Full Load Current - Amps at Standby Rating | 120/208 | 127/220 | 139/240 | 220/380 | 240/416 | 254/440 | 277/480 | 347/600 |
|                                           | 667    | 820    | 752     | 475     | 434     | 410     | 376     | 301    |

**Notes:**

1. **Single Phase Capability:** Single phase power can be taken from a three phase generator set at up to 40% of the generator set nameplate kW rating at unity power factor.
## Control System

### PowerCommand Control with AmpSentry™ Protection

- The PowerCommand Control is an integrated generator set control system providing governing, voltage regulation, engine protection, and operator interface functions.
- PowerCommand Controls include integral AmpSentry protection. AmpSentry provides a full range of alternator protection functions that are matched to the alternator provided.
- Controls provided include battery monitoring and testing features, and Smart-Starting control system.
- InPower PC-based service tool available for detailed diagnostics.
- Available with Echelon LonWorks™ Network interface.
- NEMA 3R enclosure.
- Suitable for operation in ambient temperatures from -40°C to +70°C, and altitudes to 13,000 feet (5000 meters).
- Prototype tested; UL, CSA, and CE compliant.

### AmpSentry AC Protection

- Overcurrent and short circuit shutdown
- Overcurrent warning
- Single & 3-phase fault regulation
- Over and under voltage shutdown
- Over and under frequency shutdown
- Overload warning with alarm contact
- Reverse power and reverse Var shutdown
- Excitation fault

### Engine Protection

- Overspeed shutdown
- Low oil pressure warning and shutdown
- High coolant temperature warning and shutdown
- High oil temperature warning (optional)
- Low coolant level warning or shutdown
- High and low battery voltage warning
- Weak battery warning
- Dead battery shutdown
- Fail to start (overcrank) shutdown
- Fail to crank shutdown
- Redundant start disconnect
- Cranking lockout
- Sensor failure indication

### Operator Interface

- OFF/MANUAL/AUTO mode switch
- MANUAL RUN/STOP switch
- Panel lamp test switch
- Emergency Stop switch
- Alpha-numeric display with pushbutton access, for viewing engine and alternator data and providing setup, controls, and adjustments
- LED lamps indicating genset running, not in auto, common warning, common shutdown
- (5) configurable LED lamps
- LED Bargraph AC data display (optional)

### Alternator Data

- Line-to-line and line-to-neutral AC volts
- 3-phase AC current
- Frequency
- Total and individual phase kW and KVA

### Engine Data

- DC voltage
- Lube oil pressure
- Coolant temperature
- Lube oil temperature (optional)

### Other Data

- Genset model data
- Start attempts, starts, running hours
- KW hours (total and since reset)
- Fault history
- Load profile (hours less than 30% and hours more than 90% load)
- System data display (optional with network and other PowerCommand gensets or transfer switches)

### Governing

- Integrated digital electronic isochronous governor
- Temperature dynamic governing
- Smart idle speed mode
- Glow plug control (some models)

### Voltage Regulation

- Integrated digital electronic voltage regulator
- 3-phase line to neutral sensing
- PMG (Optional)
- Single and three phase fault regulation
- Configurable torque matching

### Control Functions

- Data logging on faults
- Fault simulation (requires InPower)
- Time delay start and cooldown
- Cycle cranking
- (4) Configurable customer inputs
- (4) Configurable customer outputs
- (8) Configurable network inputs and (16) outputs (with optional network)

### Options

- Power Transfer Control
- Analog AC Meter Display
- Thermostatically Controlled Space Heater
- Key-type mode switch
- Ground fault module
- Engine oil temperature
- Auxiliary Relays (3)
- Echelon LonWorks interface
- Digital input and output module(s) (loose)
- Remote annunciator (loose)
Generator Set Options

**Engine**
- [ ] 208/240/480 V thermostatically controlled coolant heater for ambient above 40°F (4.5°C)
- [ ] 208/240/480 V thermostatically controlled coolant heater for ambient below 40°F (4.5°C)
- [ ] 120 V, 300 W lube oil heater
- [ ] 208/240 V, 300 W lube oil heater
- [ ] 480 V, 300 W lube oil heater
- [ ] Fuel/water separator
- [ ] Heavy duty air cleaner with safety element

**Cooling System**
- [ ] Heat exchanger cooling
- [ ] Remote radiator cooling

**Fuel System**
- [ ] 300 Gal (1136 L) Sub-base tank
- [ ] 400 Gal (1514 L) Sub-base tank
- [ ] 500 Gal (1893 L) Sub-base tank
- [ ] 600 Gal (2271 L) Sub-base tank
- [ ] 660 Gal (2498 L) Sub-base tank
- [ ] 720 Gal (2725 L) Sub-base tank
- [ ] 1470 Gal (5565 L) Sub-base tank

**Alternator**
- [ ] 80°C rise alternator
- [ ] 105°C rise alternator
- [ ] 120/240 V, 300 W anti-condensation heater

**Exhaust System**
- [ ] Critical grade exhaust silencer
- [ ] Industrial grade exhaust silencer
- [ ] Residential grade exhaust silencer

**Generator Set**
- [ ] AC entrance box
- [ ] Batteries
- [ ] Battery charger, equalizer, float type
- [ ] Export box packaging
- [ ] Ground fault alarm
- [ ] UL2200 Listed
- [ ] Main line circuit breaker
- [ ] Narrow profile skid base
- [ ] PowerCommand (3100) Digital Parallel Control
- [ ] Remote annunciator panel
- [ ] Sound-attenuated enclosure (2 levels) with internal silencers
- [ ] Spring isolators
- [ ] Weather-protective enclosure with internal silencer
- [ ] 2 year prime power warranty
- [ ] 2 year standby warranty
- [ ] 5 year basic power warranty
- [ ] 5 year comprehensive power warranty
- [ ] 10 year major components warranty

Available Products and Services

A wide range of products and services is available to match your power generation system requirements. Cummins Power Generation products and services include:

- Diesel and Spark-Ignited Generator Sets
- Transfer Switches
- Bypass Switches
- Parallel Load Transfer Equipment
- Digital Paralleling Switchgear
- PowerCommand Network and Software
- Distributor Application Support
- Planned Maintenance Agreements
Warranty
All components and subsystems are covered by an express limited one-year warranty. Other optional and extended factory warranties and local distributor maintenance agreements are available. Contact your distributor/dealer for more information.

Certifications

ISO9001 - This generator set was designed and manufactured in facilities certified to ISO9001.

CSA - This generator set is CSA certified to product class 4215-01.

PTS - The Prototype Test Support (PTS) program verifies the performance integrity of the generator set design. Products bearing the PTS symbol have been subjected to demanding tests in accordance to NFPA 110 to verify the design integrity and performance under both normal and abnormal operating conditions including short circuit, endurance, temperature rise, torsional vibration, and transient response, including full load pickup.

UL - The generator set is available Listed to UL2200, Stationary Engine Generator Assemblies. The PowerCommand control is Listed to UL508 - Category NITW7 for U.S. and Canadian usage.

See your distributor for more information

Cummins Power Generation
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Minneapolis, MN 55432
763.574.5000
Fax: 763.574.5298
www.cumminspower.com

Cummins and PowerCommand are registered trademarks of Cummins Inc.
AmpSentry is a trademark of Cummins Inc.
LonWorks is a registered trademark of Echelon

Important: Backfeed to a utility system can cause electrocution and/or property damage. Do not connect generator sets to any building electrical system except through an approved device or after building main switch is open.