# Cat® C175-16

# **Diesel Generator Sets**





Bore – mm (in)	175 (6.89)		
Stroke – mm (in)	220 (8.66)		
Displacement – L (in³)	84.7 (5167)		
Compression Ratio	16.7:1		
Aspiration	TA		
Fuel System	Common Rail		
Governor Type	ADEM™ A4		

Image shown may not reflect actual configuration

Prime-DCP 60 Hz ekW (kVA)	Emissions Performance	
2825 (3531)	U.S. EPA Stationary Emergency Use Only (Tier 2)	

#### **Features**

## Cat® Diesel Engine

- Meets U.S. EPA Stationary Emergency Use Only (Tier 2) emission standards
- Reliable performance proven in thousands of applications worldwide
- Certified alternative fuels including Hydrotreated Vegetable Oil (HVO), Renewable Diesel (RD) and Hydrotreated Renewable Diesel (HRD) which meet EN 15940 or ASTM D975 can be used or blended with EN 590 diesel

### **Generator Set Package**

- · Accepts 100% block load in one step
- · Meets NFPA 110 loading requirements
- Conforms to ISO 8528-5 G3 load acceptance requirements
- Reliability verified through torsional vibration, fuel consumption, oil consumption, transient performance, and endurance testing

#### **Alternators**

- Superior motor starting capability minimizes need for oversizing generator
- Designed to match performance and output characteristics of Cat diesel engines

# **Cat Energy Control System (ECS)**

- · User-friendly interface and navigation
- Scalable system to meet a wide range ofÁ installation requirements
- Expansion modules and site specificÁ programming for specific customer requirementsÁ
- · Graphical touchscreen display
- · Easily upgradeable

# Warranty

- 12 months/unlimited hour warranty for prime-DCP ratings
- Extended service protection is available to provide extended coverage options

## **Worldwide Product Support**

- Cat dealers have over 1,800 dealer branch stores operating in 200 countries
- Your local Cat dealer provides extensive post-sale support, including maintenance and repair agreements

#### Financing

- Caterpillar offers an array of financial products to help you succeed through financial service excellence
- Options include loans, finance lease, operating lease, working capital, and revolving line of credit
- Contact your local Cat dealer for availability in your region

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# **Standard and Optional Equipment**

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Engine	Power Termination	Vibration Isolators	
Air Cleaner  ☐ Single element ☐ Dual element	Type □ Bus bar □ Circuit breaker □ 4000A □ 5000A	□ Rubber □ Spring □ Seismic rated	
Muffler  Display trial grade (15 dB)	□ UL □ IEC	Cat Connect	
<ul><li>☐ Industrial grade (15 dB)</li><li>☐ Residential grade (25 dB)</li><li>☐ Critical grade (34 dB)</li></ul>	☐ 3-pole ☐ Electrically operated	Connectivity  ☐ Ethernet	
Starting	Trip Unit □ LSI □ LSI-G	☐ Cellular	
<ul><li>❑ Standard batteries</li><li>❑ Oversized batteries</li></ul>	□ LSIG-P	Extended Service Options	
☐ Standard electric starter(s)	Control System	Terms	
<ul><li>□ Dual electric starter(s)</li><li>□ Air starter(s)</li><li>□ Jacket water heater</li></ul>	Controller  □ Cat ECS 100 □ Cat ECS 200	□ 2 year (prime) □ 3 year □ 5 year □ 10 year	
Alternator	□ EMCP 4.4	Coverage	
Output voltage  □ 480V □ 6900V □ 600V □ 12470V □ 4160V □ 13200V □ 6300V □ 13800V	Attachments  □ Local annunciator module □ Remote annunciator module □ Expansion I/O module □ Remote monitoring software	☐ Silver ☐ Gold ☐ Platinum ☐ Platinum Plus	
□ 6600V	Charging	Ancillary Equipment	
Temperature Rise (over 40°C ambient) □ 150°C □ 125°C/130°C □ 105°C	□ Battery charger – 20A □ Battery charger – 35A □ Battery charger – 50A	<ul><li>□ Automatic transfer switch (ATS)</li><li>□ Paralleling switchgear</li><li>□ Paralleling controls</li></ul>	
□ 80°C		Certifications	
Winding type ☐ Form wound		☐ ULC 2200 Listed☐ IBC seismic certification☐ OCLUBE are entrained.	
Excitation  ☐ Permanent magnet (PM)		☐ OSHPD pre-approval	
Attachments			

**Note:** Some options may not be available on all models. Certifications may not be available with all model configurations. Consult factory for availability.

☐ Anti-condensation heater☐ Stator and bearing temperature monitoring and protection

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# Package Performance (Prime-DCP)

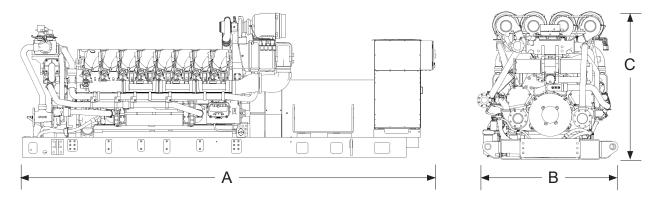
Frequency	Performance	Sta	ndard	High .	Altitude	
Gen set power rating without fan @ 0.8 power factor         3531 kVA         3531 kVA         3531 kVA           Emissions         EPA ESE (Tier 2)         EPA ESE (Tier 2)         EPA ESE (Tier 2)           Performance number         EM5877-01         EM5914-02           Fuel Consumption         100% load without fan – L/hr (gal/hr)         692.4         (182.9)         690.4         (182.4)           75% load without fan – L/hr (gal/hr)         543.5         (143.6)         550.3         (145.4)           50% load without fan – L/hr (gal/hr)         255.7         (67.6)         216.1         (57.1)           Cooling System         Engine coolant capacity – L (gal)         303.5         (80.2)         303.5         (80.2)         303.5         (80.2)           Inlet Air         Combustion air inlet flow rate – m³/min (cfm)         247.0         (8722.7)         245.4         (8666.9)           Exhaust System         Exhaust system backpressure (maximum allowable) – kPa (in. water)         627.6         (22162.0)         629.8         (22237.6)           Exhaust system backpressure (maximum allowable) – kPa (in. water)         6.7         (27.0)         6.7         (27.0)           Heat rejection to apacet water – kW (Btu/min)         1233         (70	Frequency					
0.8 power factor         SSST KVA         EPA ESE (Tier 2)         EMSST CIER SS         (Tier 2)         EMSST CIER SS         CIEMST CIER SS         CIEMST CIER SS         (148.4)         (182.4)         (182.4)         (183.4)         (183.4)         (183.4)         (183.4)         (184.4)         (185.4)         (183.4) </td <td>Gen set power rating without fan</td> <td>282</td> <td colspan="2"></td> <td colspan="2">2825 ekW</td>	Gen set power rating without fan	282			2825 ekW	
Performance number				3531 kVA		
Fuel Consumption	Emissions	EPA ES	EPA ESE (Tier 2)		EPA ESE (Tier 2)	
100% load without fan - L/hr (gal/hr)   692.4 (182.9)   690.4 (182.4)   75% load without fan - L/hr (gal/hr)   543.5 (143.6)   550.3 (145.4)   50% load without fan - L/hr (gal/hr)   255.7 (67.6)   216.1 (57.1)   (57.1	Performance number	EM5	877-01	EM5914-02		
75% load without fan – L/hr (gal/hr)         543.5         (143.6)         550.3         (145.4)           50% load without fan – L/hr (gal/hr)         255.7         (67.6)         216.1         (57.1)           25% load without fan – L/hr (gal/hr)         255.7         (67.6)         216.1         (57.1)           Cooling System           Engine coolant capacity – L (gal)         303.5         (80.2)         303.5         (80.2)           Inlet Air           Combustion air inlet flow rate – m³/min (cfm)         247.0         (8722.7)         245.4         (8666.9)           Exhaust System           Exhaust stack gas temperature – °C (°F)         460.0         (860.0)         474.6         (886.2)           Exhaust system backpressure (maximum allowable) – kPa (in. water)         6.7         (27.0)         6.7         (27.0)           Heat Rejection           Heat rejection to jacket water – kW (Btu/min)         1233         (70109)         1236         (70268)           Heat rejection to aftercooler – kW (Btu/min)         384         (21817)         396         (22512)           Heat rejection from alternator – kW (Btu/min)         109         (6170)         109         (6170)	Fuel Consumption					
50% load without fan – L/hr (gal/hr)       431.6       (114.0)       391.7       (103.5)         25% load without fan – L/hr (gal/hr)       255.7       (67.6)       216.1       (57.1)         Cooling System         Engine coolant capacity – L (gal)       303.5       (80.2)       303.5       (80.2)         Inlet Air         Combustion air inlet flow rate – m³/min (cfm)       247.0       (8722.7)       245.4       (8666.9)         Exhaust System         Exhaust stack gas temperature – °C (°F)       460.0       (860.0)       474.6       (886.2)         Exhaust system backpressure (maximum allowable) – kPa (in. water)       6.7       (27.0)       6.7       (27.0)         Heat rejection to jacket water – kW (Btu/min)       1233       (70109)       1236       (70268)         Heat rejection to exhaust (total) – kW (Btu/min)       2692       (153112)       2815       (160063)         Heat rejection to atmosphere from engine – kW (Btu/min)       169       (9592)       176       (9999)         Emissions* (Nominal)         NOx mg/Nm³ (g/hp-h)       3292.8       (6.32)       2664.0       (5.35)         CO mg/Nm³ (g/hp-h)       191.2	100% load without fan – L/hr (gal/hr)	692.4	(182.9)	690.4	(182.4)	
25% load without fan – L/hr (gal/hr)         255.7         (67.6)         216.1         (57.1)           Cooling System           Engine coolant capacity – L (gal)         303.5         (80.2)         303.5         (80.2)           Inlet Air           Combustion air inlet flow rate – m³/min (cfm)         247.0         (8722.7)         245.4         (8666.9)           Exhaust System           Exhaust sqas temperature – °C (°F)         460.0         (860.0)         474.6         (886.2)           Exhaust system backpressure (maximum allowable) – kPa (in. water)         6.7         (27.0)         6.7         (27.0)           Heat Rejection         Heat rejection to jacket water – kW (Btu/min)         1233         (70109)         1236         (70268)           Heat rejection to exhaust (total) – kW (Btu/min)         2692         (153112)         2815         (160063)           Heat rejection to aftercooler – kW (Btu/min)         384         (21817)         396         (22512)           Heat rejection from alternator – kW (Btu/min)         109         (6170)         109         (6170)           Heat rejection from alternator – kW (Btu/min)         109         (6170)         109         (6170)           Heat rejection from alternator – kW (Btu/min)	75% load without fan – L/hr (gal/hr)	543.5	(143.6)	550.3	(145.4)	
Engine coolant capacity – L (gal) 303.5 (80.2) 303.5 (80.2)  Inlet Air  Combustion air inlet flow rate – m³/min (cfm) 247.0 (8722.7) 245.4 (8666.9)  Exhaust System  Exhaust stack gas temperature – °C (°F) 460.0 (860.0) 474.6 (886.2)  Exhaust gas flow rate – m³/min (cfm) 627.6 (22162.0) 629.8 (22237.6)  Exhaust system backpressure (maximum allowable) – kPa (in. water) 6.7 (27.0) 6.7 (27.0)  Heat Rejection  Heat rejection to jacket water – kW (Btu/min) 1233 (70109) 1236 (70268)  Heat rejection to exhaust (total) – kW (Btu/min) 2692 (153112) 2815 (160063)  Heat rejection to aftercooler – kW (Btu/min) 384 (21817) 396 (22512)  Heat rejection to to atmosphere from engine – kW (Btu/min) 109 (6170) 109 (6170)  Emissions* (Nominal)  NOx mg/Nm³ (g/hp-h) 3292.8 (6.32) 2664.0 (5.35)  CO mg/Nm³ (g/hp-h) 191.2 (0.42) 184.8 (0.36)  HC mg/Nm³ (g/hp-h) 15.2 (0.04) 7.0 (0.02)	50% load without fan – L/hr (gal/hr)	431.6	(114.0)	391.7	(103.5)	
Engine coolant capacity - L (gal)   303.5 (80.2)   303.5 (80.2)   Inlet Air   Combustion air inlet flow rate - m³/min (cfm)   247.0 (8722.7)   245.4 (8666.9)   Exhaust System   Exhaust stack gas temperature - °C (°F)   460.0 (860.0)   474.6 (886.2)   Exhaust gas flow rate - m³/min (cfm)   627.6 (22162.0)   629.8 (22237.6)   6.7 (27.0)   6.	25% load without fan – L/hr (gal/hr)	255.7	(67.6)	216.1	(57.1)	
Combustion air inlet flow rate - m³/min (cfm)   247.0 (8722.7)   245.4 (8666.9)	Cooling System					
Combustion air inlet flow rate – m³/min (cfm)         247.0         (8722.7)         245.4         (8666.9)           Exhaust System           Exhaust stack gas temperature – °C (°F)         460.0         (860.0)         474.6         (886.2)           Exhaust gas flow rate – m³/min (cfm)         627.6         (22162.0)         629.8         (22237.6)           Exhaust system backpressure (maximum allowable) – kPa (in. water)         6.7         (27.0)         6.7         (27.0)           Heat Rejection           Heat rejection to jacket water – kW (Btu/min)         1233         (70109)         1236         (70268)           Heat rejection to exhaust (total) – kW (Btu/min)         2692         (153112)         2815         (160063)           Heat rejection to aftercooler – kW (Btu/min)         384         (21817)         396         (22512)           Heat rejection to atmosphere from engine – kW (Btu/min)         169         (9592)         176         (9999)           Heat rejection from alternator – kW (Btu/min)         109         (6170)         109         (6170)           Heat rejection from alternator – kW (Btu/min)         109         (6170)         109         (6170)           Heat rejection from alternator – kW (Btu/min)         109         (6170)         109         (6170)<	Engine coolant capacity – L (gal)	303.5	(80.2)	303.5	(80.2)	
Exhaust System  Exhaust stack gas temperature – °C (°F)	Inlet Air					
Exhaust stack gas temperature – °C (°F) 460.0 (860.0) 474.6 (886.2)  Exhaust gas flow rate – m³/min (cfm) 627.6 (22162.0) 629.8 (22237.6)  Exhaust system backpressure (maximum allowable) – kPa (in. water) 6.7 (27.0) 6.7 (27.0)  Heat Rejection  Heat rejection to jacket water – kW (Btu/min) 1233 (70109) 1236 (70268)  Heat rejection to exhaust (total) – kW (Btu/min) 2692 (153112) 2815 (160063)  Heat rejection to aftercooler – kW (Btu/min) 384 (21817) 396 (22512)  Heat rejection to atmosphere from engine – kW (Btu/min) 109 (6170) 109 (6170)  Emissions* (Nominal)  NOx mg/Nm³ (g/hp-h) 3292.8 (6.32) 2664.0 (5.35)  CO mg/Nm³ (g/hp-h) 191.2 (0.42) 184.8 (0.36)  HC mg/Nm³ (g/hp-h) 16.5 (0.04) 15.4 (0.04)  PM mg/Nm³ (g/hp-h) 15.2 (0.04) 7.0 (0.02)	Combustion air inlet flow rate – m³/min (cfm)	247.0	(8722.7)	245.4	(8666.9)	
Exhaust gas flow rate — m³/min (cfm) 627.6 (22162.0) 629.8 (22237.6)  Exhaust system backpressure (maximum allowable) — kPa (in. water) 6.7 (27.0) 6.7 (27.0)  Heat Rejection  Heat rejection to jacket water — kW (Btu/min) 1233 (70109) 1236 (70268)  Heat rejection to exhaust (total) — kW (Btu/min) 2692 (153112) 2815 (160063)  Heat rejection to aftercooler — kW (Btu/min) 384 (21817) 396 (22512)  Heat rejection to atmosphere from engine — kW (Btu/min) 169 (9592) 176 (9999)  kW (Btu/min) 109 (6170) 109 (6170)  Emissions* (Nominal)  NOx mg/Nm³ (g/hp-h) 3292.8 (6.32) 2664.0 (5.35)  CO mg/Nm³ (g/hp-h) 191.2 (0.42) 184.8 (0.36)  HC mg/Nm³ (g/hp-h) 16.5 (0.04) 15.4 (0.04)  PM mg/Nm³ (g/hp-h) 15.2 (0.04) 7.0 (0.02)	Exhaust System					
Exhaust system backpressure (maximum allowable) – kPa (in. water)  Heat Rejection  Heat rejection to jacket water – kW (Btu/min)  Heat rejection to exhaust (total) – kW (Btu/min)  Heat rejection to aftercooler – kW (Btu/min)  Heat rejection to aftercooler – kW (Btu/min)  Heat rejection to atmosphere from engine – kW (Btu/min)  Heat rejection to atmosphere from engine – kW (Btu/min)  Heat rejection from alternator – kW (Btu/min)  Top (6170)  Emissions* (Nominal)  NOx mg/Nm³ (g/hp-h)  191.2 (0.42)  184.8 (0.36)  HC mg/Nm³ (g/hp-h)  15.2 (0.04)  7.0 (0.02)	Exhaust stack gas temperature – °C (°F)	460.0	(860.0)	474.6	(886.2)	
Heat Rejection   Heat rejection to jacket water – kW (Btu/min)   1233 (70109)   1236 (70268)	Exhaust gas flow rate – m³/min (cfm)	627.6	(22162.0)	629.8	(22237.6)	
Heat rejection to jacket water – kW (Btu/min)       1233 (70109)       1236 (70268)         Heat rejection to exhaust (total) – kW (Btu/min)       2692 (153112)       2815 (160063)         Heat rejection to aftercooler – kW (Btu/min)       384 (21817)       396 (22512)         Heat rejection to atmosphere from engine – kW (Btu/min)       169 (9592)       176 (9999)         Heat rejection from alternator – kW (Btu/min)       109 (6170)       109 (6170)         Emissions* (Nominal)         NOx mg/Nm³ (g/hp-h)       3292.8 (6.32) (0.32) (0.42) (0.42) (0.42)       184.8 (0.36)         HC mg/Nm³ (g/hp-h)       16.5 (0.04) (0.04) (0.04)         PM mg/Nm³ (g/hp-h)       15.2 (0.04) (0.04) (0.02)	, ,	6.7	(27.0)	6.7	(27.0)	
Heat rejection to exhaust (total) – kW (Btu/min)       2692 (153112)       2815 (160063)         Heat rejection to aftercooler – kW (Btu/min)       384 (21817)       396 (22512)         Heat rejection to atmosphere from engine – kW (Btu/min)       169 (9592)       176 (9999)         Heat rejection from alternator – kW (Btu/min)       109 (6170)       109 (6170)         Emissions* (Nominal)       3292.8 (6.32)       2664.0 (5.35)         CO mg/Nm³ (g/hp-h)       191.2 (0.42)       184.8 (0.36)         HC mg/Nm³ (g/hp-h)       16.5 (0.04)       15.4 (0.04)         PM mg/Nm³ (g/hp-h)       15.2 (0.04)       7.0 (0.02)	Heat Rejection					
Heat rejection to aftercooler – kW (Btu/min)       384 (21817)       396 (22512)         Heat rejection to atmosphere from engine – kW (Btu/min)       169 (9592)       176 (9999)         Heat rejection from alternator – kW (Btu/min)       109 (6170)       109 (6170)         Emissions* (Nominal)         NOx mg/Nm³ (g/hp-h)       3292.8 (6.32) 2664.0 (5.35)         CO mg/Nm³ (g/hp-h)       191.2 (0.42) 184.8 (0.36)         HC mg/Nm³ (g/hp-h)       16.5 (0.04) 15.4 (0.04)         PM mg/Nm³ (g/hp-h)       15.2 (0.04) 7.0 (0.02)	Heat rejection to jacket water – kW (Btu/min)	1233	(70109)	1236	(70268)	
Heat rejection to atmosphere from engine – kW (Btu/min)       169       (9592)       176       (9999)         Heat rejection from alternator – kW (Btu/min)       109       (6170)       109       (6170)         Emissions* (Nominal)         NOx mg/Nm³ (g/hp-h)       3292.8       (6.32)       2664.0       (5.35)         CO mg/Nm³ (g/hp-h)       191.2       (0.42)       184.8       (0.36)         HC mg/Nm³ (g/hp-h)       16.5       (0.04)       15.4       (0.04)         PM mg/Nm³ (g/hp-h)       15.2       (0.04)       7.0       (0.02)	Heat rejection to exhaust (total) – kW (Btu/min)	2692	(153112)	2815	(160063)	
kW (Btu/min)       169       (9592)       176       (9999)         Heat rejection from alternator – kW (Btu/min)       109       (6170)       109       (6170)         Emissions* (Nominal)         NOx mg/Nm³ (g/hp-h)       3292.8       (6.32)       2664.0       (5.35)         CO mg/Nm³ (g/hp-h)       191.2       (0.42)       184.8       (0.36)         HC mg/Nm³ (g/hp-h)       16.5       (0.04)       15.4       (0.04)         PM mg/Nm³ (g/hp-h)       15.2       (0.04)       7.0       (0.02)	Heat rejection to aftercooler – kW (Btu/min)	384	(21817)	396	(22512)	
Emissions* (Nominal)         NOx mg/Nm³ (g/hp-h)       3292.8 (6.32) 2664.0 (5.35)         CO mg/Nm³ (g/hp-h)       191.2 (0.42) 184.8 (0.36)         HC mg/Nm³ (g/hp-h)       16.5 (0.04) 15.4 (0.04)         PM mg/Nm³ (g/hp-h)       15.2 (0.04) 7.0 (0.02)	, ,	169	(9592)	176	(9999)	
NOx mg/Nm³ (g/hp-h)       3292.8 (6.32)       2664.0 (5.35)         CO mg/Nm³ (g/hp-h)       191.2 (0.42)       184.8 (0.36)         HC mg/Nm³ (g/hp-h)       16.5 (0.04)       15.4 (0.04)         PM mg/Nm³ (g/hp-h)       15.2 (0.04)       7.0 (0.02)	Heat rejection from alternator – kW (Btu/min)	109	(6170)	109	(6170)	
CO mg/Nm³ (g/hp-h)       191.2 (0.42)       184.8 (0.36)         HC mg/Nm³ (g/hp-h)       16.5 (0.04)       15.4 (0.04)         PM mg/Nm³ (g/hp-h)       15.2 (0.04)       7.0 (0.02)	Emissions* (Nominal)					
HC mg/Nm³ (g/hp-h)  16.5 (0.04)  PM mg/Nm³ (g/hp-h)  15.2 (0.04)  7.0 (0.02)	NOx mg/Nm³ (g/hp-h)	3292.8	(6.32)	2664.0	(5.35)	
PM mg/Nm³ (g/hp-h) 15.2 (0.04) 7.0 (0.02)	CO mg/Nm³ (g/hp-h)	191.2	(0.42)	184.8	(0.36)	
	HC mg/Nm³ (g/hp-h)	16.5	(0.04)	15.4	(0.04)	
Emissions* (Potential Site Variation)	PM mg/Nm³ (g/hp-h)	15.2	(0.04)	7.0	(0.02)	
	Emissions* (Potential Site Variation)					
NOx mg/Nm³ (g/hp-h) 3951.3 (7.58) 3196.8 (6.42)	NOx mg/Nm³ (g/hp-h)	3951.3	(7.58)	3196.8	(6.42)	
CO mg/Nm³ (g/hp-h) 344.2 (0.75) 332.7 (0.66)	CO mg/Nm³ (g/hp-h)	344.2	(0.75)	332.7	(0.66)	
HC mg/Nm³ (g/hp-h) 21.9 (0.06) 20.4 (0.05)	HC mg/Nm³ (g/hp-h)	21.9	(0.06)	20.4	(0.05)	
PM mg/Nm³ (g/hp-h) 21.3 (0.05) 9.8 (0.02)	PM mg/Nm³ (g/hp-h)	21.3	(0.05)	9.8	(0.02)	

 $<sup>^*</sup>mg/Nm^3$  levels are corrected to 5% O2. Contact your local Cat dealer for further information.

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# **Weights and Dimensions**



Dim "A"	Dim "B"	Dim "C"	Dry Weight
mm (in)	mm (in)	mm (in)	kg (lb)
6372 (250.9)	2101 (82.7)	2208 (86.9)	

Note: For reference only. Do not use for installation design. Contact your local Cat dealer for precise weights and dimensions.

# **Ratings Definitions**

#### Prime-DCP

For data center applications only. Prime-DCP power output available with varying load for unlimited time. Average power output is not to exceed 100% of prime-DCP rated ekW. Typical peak demand is 100% of the prime-DCP rated ekW with 10% overload capability for emergency use for a maximum of 1 hour in 12. Overload operation cannot exceed 25 hours per year.

#### **Applicable Codes and Standards**

AS 1359, ULC 2200 3rd edition, UL 489, UL 869A, IBC, IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-33, 2014/35/EU, 2006/42/EC, 2014/30/EU and facilitates compliance to NFPA 37, NFPA 70, NFPA 99, NFPA 110.

**Note:** Codes may not be available in all model configurations. Please consult your local Cat dealer for availability.

#### **Data Center Applications**

- ISO 8528-1 Data Center Power (DCP) compliant per Cat diesel generator set prime-DCP rating.
- All ratings Tier III/Tier IV compliant per Uptime Institute requirements.
- All ratings ANSI/TIA-942 compliant for Rated-1 through Rated-4 data centers.

#### **Fuel Rates**

Fuel consumption reported in accordance with ISO 3046-1, based on fuel oil of 35° API [16°C (60°F)] gravity having an LHV of 42,780 kJ/kg (18,390 Btu/lb) when used at 15°C (59°F) and weighing 850 g/liter (7.0936 lbs/U.S. gal.) All fuel consumption values refer to rated engine power.

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Materials and specifications are subject to change without notice. The International System of Units (SI) is used in this publication.