



Ring Power Corporation
500 World Commerce Parkway
St. Augustine, FL 32092

Prepared For:
Florida Sheriff's Association

8/5/2020

Item #128: (1) NEW CATERPILLAR 500 KW C15 ACERT GENERATOR

CONTRACT DETAILS

Florida Sheriff's Association
Bid # FSA20-EQU18.0
Item #128: Group: GENERATOR: 500kW Generator Package
Contract Dates: October 1, 2020 Through September 30, 2023

1. GENERATOR REQUIREMENTS a. Standby duty rated at 500kwe, 625kva, 0.8 power factor b. 480 volts c. Voltage options are: 120/240, 120/208 or 277/480 3ph d. Directly connected to the engine flywheel housing with a flex coupling e. Generator shall meet performance class G3 of IEC f. Unit shall be compliance with UL 2200 specifications 2. ENGINE a. 6 cylinder, water cooled, 1800rpm, diesel engine b. Emission compliant engine to stationary standby regulations 3. CONTROLS a. Solid state, microprocessor based generator controls b. Controls shall provide all operating, monitoring and control functions for the generator set. c. Control panel is NFPA110 Compliant 4. ENCLOSURE/SILENCER a. Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled weather protective, sound attenuated enclosure with oil and water drain lines b. Enclosure shall be constructed from aluminum, preferably out of .125 thickness and 5058 marine grade aluminum. c. Critical grade silencer (25DB Reduction) d. Companion flanges e. Flexible stainless steel exhausts flex. 5. FUEL TANKS a. Double wall sub-base diesel fuel tank shall be integral to the enclosure b. 24 hour capacity at 75% load rating c. Rupture basin will be of 110% capacity d. Locking fuel caps e. All necessary vents and caps will be provided f. Mechanical fuel level gauge g. Low fuel level alarm contact h. Fuel tank rupture basin alarm contact i. Must meet UL 142 and FDEP standards 6. BATTERY CHARGER a. Current limiting battery charger to automatically charge batteries b. Charger shall be dual charge rate with automatic switching to boost rate when required.c. Charger shall be mounted on genset package.7. DELIVERY a. Net cost includes delivery of equipment to governmental site location. b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency. 8. START UP AND COMMISSIONING a. Vendor must coordinate all start up and testing activities with the engineer and owner. After installation has been completed, approved by the local electrical inspector, and normal power is available, the vendor will perform a One (1) day start-up including the use of building load. The start up technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.9. CONDITIONS a. In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items: b. Initial filling of oil and antifreeze c. Shrink Wrap applied to the product to ensure a clean finish d. During the start-up, the technician shall record the following information and provide to the owner for his records:Record Operating Voltage, Hz, Ph, and connected load (Amperage); Package Information consisting of Make, Model, Serial number, and Start-up Date; Record Engine and Generator Serial numbers. e. One complete set of operation and maintenance manuals. f. Two (2) years or 1000 hours standard standby generator warranty, whichever occurs first. Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

BASE MACHINE

C15DEC_F_I	C15 60HZ PKG 500 CERTESE
ULLIST	UL2200 Listed Package Gen Set
MWCODE_F_I	STANDBY POWER
PMEXCI3_I	PERMANENT MAGNET EXCITATION 03
SHK0012_I	SPACE HEATER 12
OGNSE1R_I	LC6114F SE CIP ALTERNATOR 1R
GENMTG_I	GEN MOUNTING DUCT PLATE
STDIVR_I	INTEGRATED VOLTAGE REGULATOR
MNTWB10_I	WIDE BASE 10
ENCAL07_I	ALUMINIUM SOUND ATTENUATED ENCLOSURE - WHI

IBCWBC2_I	150 MPH IBC CERT WIND ENCLOSURE
MOTDMP_I	MOT INLET & GRAVITY DISCHG DAMP
EMCP42B_I	EMCP4.2B CONTROL PANEL
EMCCPLH_I	CONTROL PANEL MOUNTING LEFT
CT1005A_I	1000:5 CT RATIO
EMCCAS3_I	GEN RUNNING & FAULT RELAY
HTRCG01_I	HEATER CONTROL GROUP
BAT2454_I	STANDARD WET BATTERY
BTC1028_I	BATTERY CHARGER 10 AMP DUAL
JWH0059_I	JACKET WATER HEATER 240 VAC
PWRCTRH_I	POWER CENTER - RH MOUNTED
SINGLE_I	SINGLE_I
NTS1_I	NEUTRAL BAR NTS1
CBLG002_I	CB CABLE GP ABB/T6-800/600
NCBG002_I	NEUTRAL CABLE GP 800A
STDAIR_I	STD AIR CLEANER - LIGHT DUTY
STDRAD_I	STANDARD RADIATOR
CAN_I	ENCLOSURE SILENCER
EMCLAM1_I	LOCAL ANNUN NFPA99-110/CSA282
STDTEST_I	TRSGEN7_I
GSVW 1000	Custom 24 Hour Fuel Tank. Phoenix Products

Ring Power Corporation

DIESEL GENERATOR SET



Image shown may not reflect actual package

Standby 500 ekW 625 kVA 60 Hz 1800 rpm 480 Volts

Caterpillar is leading the power generation Market place with Power Solutions engineered to deliver unmatched flexibility, expandability, reliability, and cost-effectiveness.

FUEL/EMISSIONS STRATEGY

- EPA Tier 4 Interim

DESIGN CRITERIA

- The generator set accepts 100% rated load in one step per NFPA 110 and meets ISO 8528-5 transient response.

UL 2200

- UL 2200 packages available. Certain restrictions may apply. Consult with your Cat® dealer.

FULL RANGE OF ATTACHMENTS

- Wide range of bolt-on system expansion attachments, factory designed and tested
- Flexible packaging options for easy and cost effective installation

SINGLE-SOURCE SUPPLIER

- Fully prototype tested with certified torsional vibration analysis available

WORLDWIDE PRODUCT SUPPORT

- Cat dealers provide extensive post sale support including maintenance and repair agreements
- Cat dealers have over 1,800 dealer branch stores operating in 200 countries.
- The Cat® S•O•SSM program effectively detects internal engine component condition, even the presence of unwanted fluids and combustion by products.

CAT® C15 ATAAC DIESEL ENGINE

- Reliable, rugged, durable design
- Field proven in thousands of applications worldwide
- Four-stroke diesel engine combines consistent performance and excellent fuel economy with minimum weight

CAT GENERATOR

- Matched to the performance and output characteristics of Cat engines
- Single point access to accessory connections
- UL 1446 Recognized Class H insulation

CAT EMCP 4 CONTROL PANELS

- Simple user friendly interface and navigation
- Scalable system to meet a wide range of customer needs
- Integrated Control System and Communications Gateway

STANDBY 500 ekW 625 kVA

60 Hz 1800 rpm 480 Volts



FACTORY INSTALLED STANDARD & OPTIONAL EQUIPMENT

System	Standard	Optional
Air Inlet	<ul style="list-style-type: none">• Standard duty air filter	<ul style="list-style-type: none">[] Air cleaner- Single stage canister style[] Heavy duty air filter- Single stage canister w/pre-cleaner
Cooling	<ul style="list-style-type: none">• Radiator package mounted• Coolant drain line with valve. Drain hose terminated at edge• Fan and belt guards• Coolant level sight gauge• Cat Extended Life Coolant	<ul style="list-style-type: none">[] Radiator duct flange (open set only)[] Radiator guard (open set only)
Exhaust	<ul style="list-style-type: none">• Dry exhaust manifold• Male full V-band style flanged outlet• Stainless steel flex with female full V-band flange connections	<ul style="list-style-type: none">[] Mufflers[] Male full V-band weld flange with V-band clamp
Fuel	<ul style="list-style-type: none">• Primary fuel filter with integral water separator• Secondary fuel filters-spin on• Fuel priming pump• Flex fuel lines• Fuel cooler	<ul style="list-style-type: none">[] 12 & 24 hour UL listed dual wall sub-base fuel tanks with low fuel level switch
Generator	<ul style="list-style-type: none">• Brushless Exciter• Class H insulation• IP 23 Protection• VR6 voltage regulator with 3 phase sensing	<ul style="list-style-type: none">[] Cat digital voltage regulator (Cat DVR) with reactive droop control[] Oversize harsh environment generators[] Permanent magnet excitation[] Anti-condensation space heaters
Power Termination	<ul style="list-style-type: none">• Power termination strips mounted inside power center• Segregated low voltage wiring panel• Bottom entry	<ul style="list-style-type: none">[] Circuit breakers, UL/EC listed, 3 pole[] Circuit breaker shunt trip[] Circuit breaker auxiliary contact
Governor	<ul style="list-style-type: none">• ADEM™ A4	<ul style="list-style-type: none">[] Load share module
Control Panel	<ul style="list-style-type: none">• EMCP 4.2 (rear mounted)• Speed adjust• Emergency Stop Pushbutton• Voltage adjust	<ul style="list-style-type: none">[] EMCP 4.4[] Local annunciator modules (NFPA 99/110)[] Remote annunciator modules (NFPA 99/110)[] Discrete I/O module
Lube	<ul style="list-style-type: none">• Lubricating oil and filter• Oil drain line with valves• Open crankcase ventilation (OCV) filter• Gear type lube oil pump	
Mounting	<ul style="list-style-type: none">• Rails - engine / generator / radiator mounting• Rubber vibration isolator	
Starting / Charging	<ul style="list-style-type: none">• 24 volt starting motor• Batteries with rack and cables (dry)• 45 amp charging alternator• Battery disconnect switch	<ul style="list-style-type: none">[] Jacket water heater[] 10 Amp UL recognized battery charger
General	<ul style="list-style-type: none">• Paint – Cat yellow except rails and radiators gloss black	<ul style="list-style-type: none">[] UL 2200 listed[] CSA Certification

***Not included with packages without radiators**

STANDBY 500 ekW 625 kVA

60 Hz 1800 rpm 480 Volts



SPECIFICATIONS

CAT GENERATOR

Frame 6124F
Excitation IE
Pitch.....0.6667
Number of poles.....4
Number of leads.....12
Number of bearingsSingle
InsulationClass H
IP ratingDrip proof IP23
Over speed capability - % of rated.....125%
Wave form deviation.....2 %
Voltage regulator..... 3 phase sensing with load
adjustable module
Voltage regulation....Less than $\pm 1/2\%$ (steady state)
Less than $\pm 1/2\%$ (3% speed change)
Telephone Influence FactorLess than 50
Harmonic DistortionLess than 5%

CAT DIESEL ENGINE

C15 ATAAC, L-6, 4 stroke, water-cooled diesel

Bore137.20 mm (5.4 in)
Stroke171.4 mm (6.75 in)
Displacement15.20 L (927.56 in³)
Compression ratio.....16:1
Aspiration.....ATAAC
Fuel system.....MEUI
Governor Type.....ADEM™ A4

CAT EMCP 4 CONTROL PANELS

EMCP 4 controls including:

- Run / Auto / Stop Control
- Speed & Voltage Adjust
- Engine Cycle Crank
- Emergency stop pushbutton

EMCP 4.2 controller features:

- 24-volt DC operation
- Environmental sealed front face
- Text alarm/event descriptions

Digital indication for:

- RPM
- DC volts
- Operating hours
- Oil pressure (psi, kPa or bar)
- Coolant temperature
- Volts (L-L & L-N), frequency (Hz)
- Amps (per phase & average)
- Power Factor (per phase & average)
- kW (per phase, average & percent)
- kVA (per phase, average & percent)
- kVAr (per phase, average & percent)
- kW-hr & kVAr-hr (total)

Warning/shutdown with common LED indication of shutdowns for:

- Low oil pressure
- High coolant temperature
- Overspeed
- Emergency stop
- Failure to start (overcrank)
- Low coolant temperature
- Low coolant level

Programmable protective relaying functions:

- Generator phase sequence
- Over/Under voltage (27/59)
- Over/Under Frequency (81 o/u)
- Reverse Power (kW) (32)
- Reverse Reactive Power (kVAr) (32RV)
- Overcurrent (50/51)

Communications

- Customer data link (Modbus RTU)
- Accessory module data link
- Serial annunciator module data link

- 6 programmable digital inputs
- 4 programmable relay outputs (Form A)
- 2 programmable relay outputs (Form C)
- 2 programmable digital outputs

Compatible with the following optional modules:

- Digital I/O module
- Local Annunciator
- Remote annunciator
- RTD module
- Thermocouple module

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TECHNICAL DATA

Open Generator Set - 1800 rpm/60 Hz/480 Volts	STANDBY EM0177	
Genset Package Performance Power rating @ 0.8 pf Power rating w/fan	625 kVA 500 ekW	
Fuel Consumption¹ 100% load with fan 75% load with fan 50% load with fan	136.6 L/hr 108.0 L/hr 78.0 L/hr	35.9 Gal/hr 28.6 Gal/hr 20.5 Gal/hr
Cooling System² Ambient air temperature Air flow restriction (system) Air flow (max @rated speed) Engine coolant Capacity with radiator arrangement) Engine coolant capacity Radiator coolant capacity	51°C 0.12 kPa 819.6 m ³ /min 68 L 27 L 41 L	123 °F 0.5 in water 28958 cfm 18.0 US Gal 7.1 US Gal 10.9 US Gal
Inlet Air Combustion air inlet flow rate	35.2 m ³ /min	1243 cfm
Exhaust System Exhaust stack gas temperature Exhaust gas flow rate Exhaust flange size (internal diameter) Exhaust system backpressure (minimum allowable) ³ Exhaust system backpressure (maximum allowable) ³	683.8 °C 90.2 m ³ /min 139 mm 1 kPa 10 kPa	1263 °F 3185 cfm 5.5 in 4 in. water 40 in. water
Heat Rejection Heat rejection to coolant (total) Heat rejection to exhaust (total) Heat rejection to atmosphere from engine Heat rejection to atmosphere from generator	253 kW 430 kW 95.6 kW 29.1 kW	14375 Btu/min 24457 Btu/min 5436 Btu/min 1655 Btu/min
Alternator⁴ Motor starting capability @ 30% voltage dip Frame Temperature Rise	1712 skVA LC6124F 130°C	234°F
Lube System⁵ Lube oil refill with filter change for standard sump	60 L	15.9 US Gal
Emissions (Nominal)⁶ NO _x CO HC PM	3.6 g/kW-hr 0.52 g/kW-hr 0.04 g/kW-hr 0.04 g/kW-hr	2.7 g/hp-hr .39 g/hp-hr 0.03 g/hp-hr 0.03 g/hp-hr

¹ EPA Tier 4 Interim diesel engines required the use of Ultra Low Sulfur Diesel (ULSD) fuel in order to protect emissions control systems, help comply with emissions standards, and meet published maintenance intervals. ULSD fuel will have ≤ 15 ppm (0.0015%) sulfur using the ASTM D5453, ASTM 2622, or SIN 51400 test methods.

² For ambient and altitude capabilities consult your Cat dealer. Air flow restriction (system) is added to existing restriction from factory.

³ Backpressure allowance is total backpressure available for the customer.

⁴ Generator temperature rise is based on a 40 degree C ambient per NEMA MG1-32.

Some packages may have oversized generators with a different temperature rise and motor starting characteristics.

⁵ Requires the use of CJ4 oil in order to meet published maintenance intervals.

⁶ Emissions data measurement procedures are consistent with those described in EPA CFR 40 Part 89, Subpart D & E and ISO8178-1 for measuring HC, CO, PM, NO_x. Data shown is based on steady state operating conditions of 77°F, 28.42 in HG and number 2 diesel fuel with 35° API and LHV of 18,390 btu/lb. The nominal emissions data shown is subject to instrumentation, measurement, facility and engine to engine variations. Emissions data is based on 100% load and thus cannot be used to compare to EPA regulations which use values based on a weighted cycle.

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60 Hz 1800 rpm 480 Volts



RATING DEFINITIONS AND CONDITIONS

Meets or Exceeds International Specifications:

AS1359, CSA, IEC60034-1, ISO3046, ISO8528, NEMA MG 1-22, NEMA MG 1-33, UL508A, 72/23/EEC, 98/37/EC, 2004/108/EC

Standby - Output available with varying load for the duration of the interruption of the normal source power. Average power output is 70% of the standby power rating. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year. Standby power in accordance with ISO8528. Fuel stop power in accordance with ISO3046. Standby ambients shown indicate ambient temperature at 100% load which results in a coolant top tank temperature just below the shutdown temperature.

Ratings are based on SAE J1349 standard conditions.

These ratings also apply at ISO3046 standard conditions

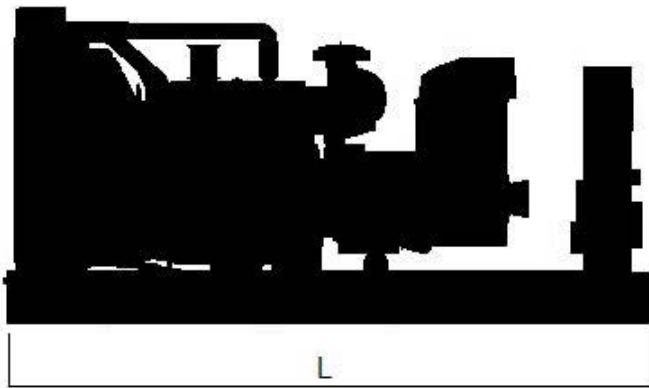
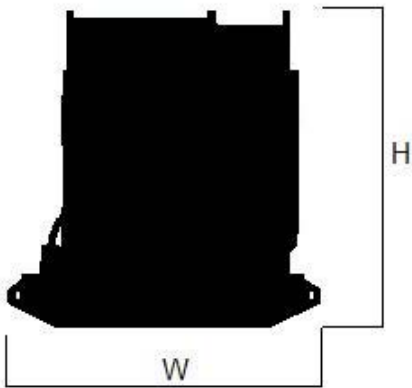
Fuel Rates are based on fuel oil of 35° API [16° C (60° F)] gravity having an LHV of 42 780 kJ/kg (18,390 Btu/lb) when used at 29° C (85° F) and weighing 838.9 g/liter (7.001 lbs/U.S. gal.). Additional ratings may be available for specific customer requirements, contact your Cat representative for details. For information regarding Low Sulfur fuel and Biodiesel capability, please consult your Cat dealer.

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DIMENSIONS

Package Dimensions		
Length	4273 mm	169 in
Width	2058 mm	81 in
Height	2092 mm	83 in
Weight	3759 kg	8288 lb



www.Cat-ElectricPower.com

Performance No.: EM0177

Feature Code: C15DEBH

Gen. Arr. Number: 235-1212

Sourced: U.S. Sourced

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Effective with sales to the first user on or after August 1, 2018

CATERPILLAR LIMITED WARRANTY

Industrial, Petroleum, Locomotive, and Agriculture Engine Products and Electric Power Generation Products

Worldwide

Caterpillar Inc. or any of its subsidiaries ("Caterpillar") warrants new and remanufactured engines and new and rebuild electric power generation products sold by it (including any products of other manufacturers packaged and sold by Caterpillar), to be free from defects in material and workmanship.

This warranty does not apply engines sold for use in on-highway vehicle or marine applications; engines in machines manufactured by or for Caterpillar; C175, 3500 and 3600 series engines used in locomotive applications; 3000 Family engines, C0.5 through C4.4 and ACERT™ (C6.6, C7, C7.1, C9, C9.3, C11, C13, C15, C18, C27, and C32) engines used in industrial, mobile agriculture and locomotive applications; or Cat[®] batteries; or Electric Power Generation Products manufactured or assembled in India. These products are covered by other Caterpillar warranties.

This warranty is subject to the following:

Warranty Period

- For industrial engines, engines in a petroleum applications or Petroleum Power Systems (excluding petroleum fire pump application), or engines in a Locomotive application, or Uninterruptible Power Supply (UPS) systems, the warranty period is 12 months after date of delivery to the first user.
- For engines used in petroleum fire pump and mobile agriculture applications the warranty period is 24 months after date of delivery to the first user.
- For controls only (EPIC), configurable and custom switchgear products, and automatic transfer switch products, the warranty period is 24 months after date of delivery to the first user.
- For new CG132, CG170 and CG260 series power generation products the warranty period is 24 months after date of delivery to first user, but not to exceed 36 months from shipment from the Caterpillar place of manufacture.
- For electric power generation products other than CG132, CG170 and CG260 series in prime or continuous applications the warranty period is 12 months. For standby applications the warranty period is 24 months/1000 hours. For emergency standby applications the warranty period is 24 months/400 hours. All terms begin after date of delivery to the first user.
- For Caterpillar rebuild electric power generation products the warranty period is 12 months, but not to exceed 24 months from shipment of rebuilt electric power generation product from Caterpillar.
- For all other applications the warranty period is 12 months after date of delivery to the first user.

Caterpillar Responsibilities

If a defect in material or workmanship is found during the warranty period, Caterpillar will, during normal working hours and at a place of business of a Cat dealer or other source approved by Caterpillar:

- Provide (at Caterpillar's choice) new, Remanufactured, or Caterpillar approved repaired parts or assembled components needed to correct the defect.
- Note:** New, remanufactured, or Caterpillar approved repaired parts or assembled components provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed as if such parts were original components of that product. Items replaced under this warranty become the property of Caterpillar.
- Replace lubricating oil, filters, coolant, and other service items made unusable by the defect.
- Provide reasonable and customary labor needed to correct the defect, including labor to disconnect the product from and reconnect the product to its attached equipment, mounting, and support systems, if required.

For new 3114, 3116, and 3126 engines and, new and Caterpillar rebuild electric power generation products (which includes the following: any new products of other manufacturers packaged and sold by Caterpillar)

- Provide travel labor, up to four hours round trip, if in the opinion of Caterpillar, the product cannot reasonably be transported to a place of business of a Cat dealer or other source approved by Caterpillar (travel labor in excess of four hours round trip, and any meals, mileage, lodging, etc. is the user's responsibility).

For all other products:

- Provide reasonable travel expenses for authorized mechanics, including meals, mileage, and lodging, when Caterpillar chooses to make the repair on-site.

User Responsibilities

The user is responsible for:

- Providing proof of the delivery date to the first user.
- Labor costs, except as stated under "Caterpillar Responsibilities," including costs beyond those required to disconnect the product from and reconnect the product to its attached equipment, mounting, and support systems.
- Travel or transporting costs, except as stated under "Caterpillar Responsibilities."

- Premium or overtime labor costs.
- Parts shipping charges in excess of those that are usual and customary.
- Local taxes, if applicable.
- Costs to investigate complaints, unless the problem is caused by a defect in Caterpillar material or workmanship.
- Giving timely notice of a warrantable failure and promptly making the product available for repair.
- Performance of the required maintenance (including use of proper fuel, oil, lubricants, and coolant) and items replaced due to normal wear and tear.
- Allowing Caterpillar access to all electronically stored data.

Limitations

Caterpillar is not responsible for:

- Failures resulting from any use or installation that Caterpillar judges improper.
- Failures resulting from attachments, accessory items, and parts not sold or approved by Caterpillar.
- Failures resulting from abuse, neglect, and/or improper repair.
- Failures resulting from user's delay in making the product available after being notified of a potential product problem.
- Failures resulting from unauthorized repairs or adjustments, and unauthorized fuel setting changes.
- Damage to parts, fixtures, housings, attachments, and accessory items that are not part of the engine, Cat Selective Catalytic Reduction System or electric power generation product (including any products of other manufacturers packaged and sold by Caterpillar).
- Repair of components sold by Caterpillar that is warranted directly to the user by their respective manufacturer. Depending on type of application, certain exclusions may apply. Consult your Cat dealer for more information.

(Continued on reverse side...)

This warranty covers every major component of the products. Claims under this warranty should be submitted to a place of business of a Cat dealer or other source approved by Caterpillar. For further information concerning either the location to submit claims or Caterpillar as the issuer of this warranty, write Caterpillar Inc., 100 N. E. Adams St., Peoria, IL USA 61629.

Caterpillar's obligations under this Limited Warranty are subject to, and shall not apply in contravention of, the laws, rules, regulations, directives, ordinances, orders, or statutes of the United States, or of any other applicable jurisdiction, without recourse or liability with respect to Caterpillar.

A) For products operating outside of Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands and Tahiti, the following is applicable:

NEITHER THE FOREGOING EXPRESS WARRANTY NOR ANY OTHER WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED, IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT CATERPILLAR EMISSION-RELATED COMPONENTS WARRANTIES FOR NEW ENGINES, WHERE APPLICABLE. REMEDIES UNDER THIS WARRANTY ARE LIMITED TO THE PROVISION OF MATERIAL AND SERVICES, AS SPECIFIED HEREIN.

CATERPILLAR IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS IS EXCLUDED IN ITS ENTIRETY.

For personal or family use engines or electric power generation products, operating in the USA, its territories and possessions, some states do not allow limitations on how long an implied warranty may last nor allow the exclusion or limitation of incidental or consequential damages. Therefore, the previously expressed exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary by jurisdiction. To find the location of the nearest Cat dealer or other authorized repair facility, call (309) 675-1000. If you have questions concerning this warranty or its applications, call or write:

In USA and Canada: Caterpillar Inc, 100 N.E. Adams St., Peoria, IL USA 61629, Attention: Customer Service Manager, Telephone 1 (309) 675-1000, outside the USA and Canada: Contact your Cat dealer.

B) For products operating in Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands and Tahiti, the following is applicable:

THIS WARRANTY IS IN ADDITION TO WARRANTIES AND CONDITIONS IMPLIED BY STATUTE AND OTHER STATUTORY RIGHTS AND OBLIGATIONS THAT BY ANY APPLICABLE LAW CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED ("MANDATORY RIGHTS"). ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED (BY STATUTE OR OTHERWISE), ARE EXCLUDED. WITHOUT LIMITING THE FOREGOING PROVISIONS OF THIS PARAGRAPH, WHERE A PRODUCT IS SUPPLIED FOR BUSINESS PURPOSES, THE CONSUMER GUARANTEES UNDER THE CONSUMER GUARANTEES ACT 1993 (NZ) WILL NOT APPLY.

NEITHER THIS WARRANTY NOR ANY OTHER CONDITION OR WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED (SUBJECT ONLY TO THE MANDATORY RIGHTS), IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

IF THE MANDATORY RIGHTS MAKE CATERPILLAR LIABLE IN CONNECTION WITH SERVICES OR GOODS, THEN TO THE EXTENT PERMITTED UNDER THE MANDATORY RIGHTS, THAT LIABILITY SHALL BE LIMITED AT CATERPILLAR'S OPTION TO (a) IN THE CASE OF SERVICES, THE SUPPLY OF THE SERVICES AGAIN OR THE PAYMENT OF THE COST OF HAVING THE SERVICES SUPPLIED AGAIN AND (b) IN THE CASE OF GOODS, THE REPAIR OR REPLACEMENT OF THE GOODS, THE SUPPLY OF EQUIVALENT GOODS, THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT GOODS.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

CATERPILLAR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES UNLESS IMPOSED UNDER MANDATORY RIGHTS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS IS EXCLUDED IN ITS ENTIRETY.

C) For products supplied in Australia:

IF THE PRODUCTS TO WHICH THIS WARRANTY APPLIES ARE:

I. PRODUCTS OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION; OR

II. PRODUCTS THAT COST AUD 40,000 OR LESS,

WHERE THOSE PRODUCTS WERE NOT ACQUIRED FOR THE PURPOSE OF RE-SUPPLY OR FOR THE PURPOSE OF USING THEM UP OR TRANSFORMING THEM IN THE COURSE OF PRODUCTION OR MANUFACTURE OR IN THE COURSE OF REPAIRING OTHER GOODS OR FIXTURES, THEN THIS SECTION C APPLIES.

THE FOLLOWING MANDATORY TEXT IS INCLUDED PURSUANT TO THE AUSTRALIAN CONSUMER LAW AND INCLUDES REFERENCES TO RIGHTS THE USER MAY HAVE AGAINST THE DIRECT SUPPLIER OF THE PRODUCTS: OUR GOODS COME WITH GUARANTEES THAT CANNOT BE EXCLUDED UNDER THE AUSTRALIAN CONSUMER LAW. YOU ARE ENTITLED TO A REPLACEMENT OR REFUND FOR A MAJOR FAILURE AND COMPENSATION FOR ANY OTHER REASONABLY FORESEEABLE LOSS OR DAMAGE. YOU ARE ALSO ENTITLED TO HAVE THE GOODS REPAIRED OR REPLACED IF THE GOODS FAIL TO BE OF ACCEPTABLE QUALITY AND THE FAILURE DOES NOT AMOUNT TO A MAJOR FAILURE. THE INCLUSION OF THIS TEXT DOES NOT CONSTITUTE ANY REPRESENTATION OR ACCEPTANCE BY CATERPILLAR OF LIABILITY TO THE USER OR ANY OTHER PERSON IN ADDITION TO THAT WHICH CATERPILLAR MAY HAVE UNDER THE AUSTRALIAN CONSUMER LAW.

TO THE EXTENT THE PRODUCTS FALL WITHIN THIS SECTION C BUT ARE NOT OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION, CATERPILLAR LIMITS ITS LIABILITY TO THE EXTENT IT IS PERMITTED TO DO SO UNDER THE AUSTRALIAN CONSUMER LAW TO, AT ITS OPTION, THE REPAIR OR REPLACEMENT OF THE PRODUCTS, THE SUPPLY OF EQUIVALENT PRODUCTS, OR THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT PRODUCTS.

THE WARRANTY SET OUT IN THIS DOCUMENT IS GIVEN BY CATERPILLAR INC. OR ANY OF ITS SUBSIDIARIES, 100 N. E. ADAMS ST, PEORIA, IL USA 61629, TELEPHONE 1 309 675 1000, THE USER IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH MAKING A CLAIM UNDER THE WARRANTY SET OUT IN THIS DOCUMENT, EXCEPT AS EXPRESSLY STATED OTHERWISE IN THIS DOCUMENT, AND THE USER IS REFERRED TO THE BALANCE OF THE DOCUMENT TERMS CONCERNING CLAIM PROCEDURES, CATERPILLAR RESPONSIBILITIES AND USER RESPONSIBILITIES.

TO THE EXTENT PERMISSIBLE BY LAW, THE TERMS SET OUT IN THE REMAINDER OF THIS WARRANTY DOCUMENT (INCLUDING SECTION B) CONTINUE TO APPLY TO PRODUCTS TO WHICH THIS SECTION C APPLIES.

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