

CATERPILLAR PKG. GEN SET (Y)
 PIRACICABA, BRAZIL

Ship Weight
 lbs

List Price
 At Factory

Product Consist:

PRICING INFORMATION

These prices are manufacturer suggested resale prices and are subject to change without notice. Shipment will usually be made from source of manufacture, or at factory discretion. Attachment prices are for attachments installed as original equipment unless otherwise specified.

Net price items are subject to no further discounts.

All prices are installed list prices unless otherwise specified.

SHIPMENT DATE SPECIFIC PRICING IS BEST FOUND THROUGH THE CSQ QUOTING TOOLS.

List Price at Factory

AVAILABILITY

For product availability go to Power Net at <https://engines.cat.com>
 Under the links tabs, select Availability Letters.

GLOSSARY OF TERMS

For product abbreviations go to Power Net at <https://engines.cat.com>
 Under the applications tab, select TMI Web. Once in TMI select Abbreviations, listed under TMI Definitions/Utilities.

DESIGN TO ORDER (DTO)

Orders requiring special engineering (referred to as DTO) will require additional process time. This time is over and above normal order processing or product availability.

Attachments listed in the price list are NOT interchangeable between sales models or applications. If attachments are required for a particular model or configuration but are not listed as compatible for this model in a specific price list, the order will require a DTO. This is true even when the same attachment or configuration has been ordered in the past.

A DTO will require an application and installation (A & I) marketing quote. For further information contact the Application Support Center.

Requests for special ratings not listed in the Price List should also be sent to the Application Support Center. If the special rating is possible, it may also require a DTO and could require additional processing time if the appropriate details have not yet been established.

Please keep this information in mind when discussing or quoting approximate availability to your customers.

DTO quotes are typically valid for six (6) months. If the quote expires, regardless if it has been ordered or not, a new DTO quote will be required before an order can be placed.

DEALER SPECIFIC PRICING TERMS

To obtain the latest specific conditions from Caterpillar to

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DEALER SPECIFIC PRICING TERMS (CONT.)

individual Cat dealers please use Engine Order Management Process (EOMP) quoting and order tools like CSQ. For questions or special requests, please contact your Caterpillar representative.

TECHNICAL PERFORMANCE DATA

Technical performance data and Engine rating information is available in Power Net at <https://engines.cat.com>. Under the quick links, select TMI Web. Once in TMI select TMI Performance Definitions.

To request dealer specific authorization, please follow links to Engine Order Management Process (EOMP) at Caterpillar Power Net (<https://engines.cat.com>). CWS logon id is needed to access Power Net.

RATINGS GUIDE

The EPG Ratings Guide may be ordered through Media Logistics by calling +1 (800) 566-7782 or +1 (309) 266-0942. The current EPG Ratings Guide media number for Cat Generator Sets is LEXE7582 or LEXE7581 for Olympian Generator Sets.

Current EPG ratings are also available by accessing the Electronic Media Center at <https://emc.cat.com> and on Power Net at <https://engines.cat.com>, select Electric Power then select References/Sales Tools.

ENGINE PACKAGE DESCRIPTION

ENGINE

Electrical system, 12 VDC
 Coolant and lube drains piped to the edge of base
 D125-8, D150-10, D175-4, D200-2 product includes ADEM-A4 electronic engine control w/Speed Adjust thru EMCP
 Tier 3 EPA Approved Emissions Certified
 EPA certified for stationary use only during defined emergency conditions.
 Outside EPA-regulated territories and in Guam, American Samoa or the Commonwealth of the Northern Mariana Islands, these restrictions do not apply

INTEGRATED VOLTAGE REGULATOR (Digital):

EM10 Excitation Module
 Voltage within +/- 0.25% at steady state from no load to full load
 Provides fast recovery from transient load changes

CHARGING SYSTEM

CAT Premium High Output Battery(s) with rack & cables
 Installed (wet); 1000CCA; 90amp hr; 12V

CONTROL SYSTEM

CONTROL PANEL

NEMA 1 enclosure with hinged door
 Wiring loom
 DC and AC wiring harness
 EMCP 4.2 controls including:
 std -Run / Auto / Stop Control
 std -Speed Adjust

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CONTROL SYSTEM (CONT.)

- optional -Voltage Adjust
- std -Engine Cycle Crank
- std -Emergency Stop pushbutton
- optional -Audible Alarm
- EMCP 4.2 controller features:
 - std -12-volt DC operation
 - std -Environmental sealed front face
 - std -Text alarm/event descriptions
- Digital indication for:
 - std -RPM
 - std -DC Volts
 - std -Operating Hours
 - std -Oil Pressure (psi)
 - std -Coolant Temperature
 - std -Volts (L-L & L-N), frequency (Hz)
 - std -Amps (per phase & average)
 - std -Power Factor (per phase & average)
 - std -kW (per phase, average & percent)
 - std -kVA (per phase, average & percent)
 - std -kVAr (per phase, average & percent)
 - std -kW-hr (total)
 - std -kVAr-hr (total)
- Warning/shutdown with common LED indication of shutdowns for:
 - std -Low Oil pressure
 - optional -Low Coolant level
 - std -Low Coolant temp alarm (detects jkt water heater failure)
 - std -High Coolant temperature shutdown
- Programmable protective relaying functions:
 - std -Generator phase sequence
 - std -Over/Under voltage (27/59)
 - std -Over/Under Frequency (81 o/u)
 - std -Reverse Power (KW) (32)
 - std -Reverse Reactive Power (kVAr) (32RV)
 - std -Overcurrent (50/51)
- Communications
 - std -Customer DATA link (Modbus RTU)
 - optional -Accessory module DATA link
 - std -RS485 Serial DATA link (terminals only)
 - std -8 programmable digital outputs available
 - std -2 relays pre-programmed
 - optional -4 programmable relay outputs (Form A)
 - std -8 programmable digital inputs available
 - std -2 pre-programmed
 - optional -6 programmable digital inputs
 - optional -1 analog inputs
- Compatible with the following optional modules:
 - optional -Remote CAN annunciator

CIRCUIT BREAKERS

- Optional UL/CSA listed mainline breakers
- Optional Multiple Breakers 100% Rated 3-pole with solid neutral
- NEMA 1 steel enclosure
- Electrical stub-up area directly below circuit breaker

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COOLING SYSTEM

Radiator and cooling fan complete with protective guards
 Standard ambient temperatures up to 50degC (122degF)
 50% coolant antifreeze/corrosion inhibitor
 Coolant Reservoir

GENERATORS**GENERATOR SET**

Complete system designed and built at ISO 9001:2000 certified facilities
 Factory tested to design specifications at full load conditions and all protective devices and control functions simulated and checked

GENERATOR

Insulation system, class H
 Drip proof generator air intake (NEMA 2, IP23)
 Electrical design in accordance with BS5000 Part 99, EN61000-6, IEC60034-1, NEMA MG-1.33

EQUIPMENT FINISH

All electroplated hardware or stainless steel
 Anticorrosive paint protection
 High gloss polyurethane paint for durability and scuff resistance

QUALITY STANDARDS

BS4999, BS5000, BS5514, EN61000-6, IEC60034, NEMA MG-1.33, NFPA 110 (with optional equipment)

LITERATURE**DOCUMENTATION**

Operation and maintenance manual pack and OMM Storage Compartment
 Wiring diagrams included
 To order extra literature go to:
<https://oos.midlandcorp.com/cat>

MOUNTING SYSTEM

Heavy-duty fabricated steel base with lifting points
 Anti-vibration pads to ensure vibration isolation
 Complete OSHA guarding
 Stub-up pipe ready for connection to silencer pipework
 Flexible fuel lines to base with NPT connections

GENERAL**NAMEPLATE**

- A. KVA/KW rating
- B. Output voltage
- C. Output amperes
- D. Specifies the power factor
- E. Specifies the number of phases being provided
- F. Manufacturer
- G. Serial number

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TOOL SET

AVAILABLE ONLY FROM PARTS DISTRIBUTION
Contains basic tools for regular maintenance; such as wrenches,
grease gun, feeler gauges, etc. For a complete breakdown,
refer to the Tool Guide for Caterpillar Dealers.

EXTENDED WARRANTY

Warranty per SELF5611

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PACKAGE SUMMARY

D125-8,D150-10,D175-4,D200-2

EPA STATIONARY EMERGENCY (EPA TIER 3 EMISSIONS LEVELS)

C7.1 PACKAGE SUMMARY 60HZ (600/480/240/208V)

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Model	Volt	Stdby		Prime		Alt FC	Alt Arrg		Stdby Temp	Prime Rise	Alt
		kW	kVA	kW	kVA		Frame (LC)	No (454-)			
D125-8	600	125	156.3	114	142.5	OGNARA1	3124G	5274	150/40	128/40	AREP
D125-8	480	125	156.3	114	142.5	OGNSEAD	3114G	5273	130/40	105/40	SE
D125-8	240	125	156.3	114	142.5	OGNSE27	3114H	5275	150/40	125/40	SE
D125-8	208	125	156.3	114	142.5	OGNSE27	3114H	5275	150/40	125/40	SE
D150-10	600	150	187.5	135	168.8	OGNARA4	3124J	5284	150/40	125/40	AREP
D150-10	480	150	187.5	135	168.8	OGNSEZ8	3114J	5283	130/40	105/40	SE
D150-10	240	150	187.5	135	168.8	OGNSEZ8	3114J	5283	150/40	125/40	SE
D150-10	208	150	187.5	135	168.8	OGNSEZ8	3114J	5283	150/40	125/40	SE
(465-)											
D175-4	600	175	218.8	157.5	196.9	OGNARA5	5024D	7473	130/40	105/40	AREP
D175-4	480	175	218.8	157.5	196.9	OGNSEZ9	5014D	7467	130/40	105/40	SE
D175-4	240	175	218.8	157.5	196.9	OGNSEZ9	5014D	7467	150/40	125/40	SE
D175-4	208	175	218.8	157.5	196.9	OGNSEZ9	5014D	7467	150/40	125/40	SE
(456-)											
D200-2	600	200	250.0	na	na	OGNARA7	5024F	8093	150/40	na	AREP
D200-2	480	200	250.0	na	na	OGNSEAC	5014F	8090	130/40	na	SE
D200-2	240	200	250.0	na	na	OGNSEAA	5014H	8091	105/40	na	SE
D200-2	208	200	250.0	na	na	OGNSEAA	5014H	8091	105/40	na	SE

CATERPILLAR PKG. GEN SET (Y) PIRACICABA, BRAZIL	Ship Weight lbs	List Price At Factory
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MODEL CONFIGURATION

Y	NAC162P	D125-8 60HZ 600V	0	\$24,632
Y	NAC160P	D125-8 60HZ 480V	0	\$23,606
Y	NAC161P	D125-8 60HZ 240V	0	\$23,309
Y	NAC203P	D125-8 60HZ 208V	0	\$23,309
Y	NAC165P	D150-10 60HZ 600V	0	\$30,059
Y	NAC164P	D150-10 60HZ 480V	0	\$29,383
Y	NAC204P	D150-10 60HZ 240V	0	\$29,383
Y	NAC205P	D150-10 60HZ 208V	0	\$29,383
Y	NAC151P	D175-4 60HZ 480V	0	\$33,835
Y	NAC152P	D175-4 60HZ 240V	0	\$33,835
Y	NAC153P	D175-4 60HZ 208V	0	\$33,835

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Y	NAC154P	D175-4 60HZ 600V.....	0	\$34,669
Y	NAC178P	D200-2 60HZ 480V.....	0	\$39,752
Y	NAC179P	D200-2 60HZ 240V.....	0	\$39,798
Y	NAC185P	D200-2 60HZ 208V.....	0	\$39,798
Y	NAC180P	D200-2 60HZ 600V.....	0	\$41,448

USE	REF NO.	MANDATORY ATTACHMENTS	Ship Weight lbs	List Price At Factory
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EMISSION CERTIFICATION

Y	CERTESE	EPA STATIONARY EMERGENCY 0 (EPA Tier 3 emissions levels).		NC
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NOTE: EPA certified for stationary use only during defined emergency conditions.
Outside EPA-regulated territories and in Guam, American Samoa or the Commonwealth of the Northern Mariana Islands, these restrictions do not apply.

UL2200 LISTING

CODES & LISTING COMPLIANCE

Y	ULLIST	UL 2200 LISTED PACKAGE GEN SET 0 TECHNICAL: Requires Oversize Alternator on D125 or D150 w ith 00/347 or 208/120 or 240/120V REQUIRES: Requires Oversize Alternator on D175 w ith 208/120 or 240/120V		\$190 NET
Y	TSPCSA1	CANADIAN STANDARDS ASSOC 0		\$190 NET

CERTIFICATION TYPE

CODES & LISTING COMPLIANCE

Y	TSPCSA1	CANADIAN STANDARDS ASSOC 0		\$190 NET
Y	ULLIST	UL 2200 LISTED PACKAGE GEN SET 0 TECHNICAL: Requires Oversize Alternator on D125 or D150 with 600/346V or 208/120 or 240/120V Requires Oversize Alternator on D175 with 208/120 or 240/120V		\$190 NET
Y	NR	NO CERTIFICATION 0		NC

VOLTAGE INDICATORS

Y	60HZ	60 HERTZ 0		NC
Y	VOP610	60Hz 3PH 208/120V 0		NC
Y	VOP601	480/277V 0		NC
Y	VOP606	60HZ 3PH 240/120V 0		NC
Y	VOP612B	600/347V VAC 0		NC

Accessories Power Supply Voltages

Y	VAC120	120 VOLTS 0		NC
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USE	REF NO.	MANDATORY ATTACHMENTS	Ship Weight lbs	List Price At Factory
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APPLICATION INDICATORS

Duty - Rating Type

Y	STANDBY	STANDBY POWER APPLICATION 0 For standby rating.		NC
Y	PRIMEPA	PRIME POWER APPLICATION 0 For prime rating		NC

Rating and Speed (Select One)

Y	KW00125	60 Hz, 125 kW 0 NOTE: Applies to D125-8		NC
Y	KW00114	60HZ (1800RPM) RATINGS (PRIME) 0 NOTE: Applies to D125-8		NC
Y	KW00150	60 Hz, 150 kW 0 NOTE: Applies to D150-10		NC
Y	KW00135	60HZ (1800RPM) RATINGS (PRIME) 0 NOTE: Applies to D150-10		NC
Y	KW00175	60HZ (1800RPM) RATINGS (STDBY) 0 NOTE: Applies to D175-4		NC
Y	KW00158	60HZ (1800RPM) RATINGS (PRIME) 0 NOTE: Applies to D175-4		NC
Y	KW00200	200 ekW W/FAN 0 NOTE: Applies to D200-2		NC

MARKET SEGMENTATION

Y	MSEPGGN	END USE: GENERAL EPG 0 All generator sets (including component parts to assemble the same) and renewables utilized in the generation of electrical power for general residential, commercial, utility, communications, commercial and residential building, agricultural, construction, mining, manufacturing, public and civil services. This category should not be used for EP Rental, Petroleum, Locomotive, or Marine electric power applications.		NC
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USE	REF NO.	MANDATORY ATTACHMENTS	Ship Weight lbs	List Price At Factory
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MARKET SEGMENTATION (CONT.)

Y	MSPMDXQ	END USE: RENTAL EPG 0 All generator sets (diesel and gas) utilized in the generation of electrical power for the application "RENTAL." This includes all standard open and enclosed products that will support dealer rental fleets as well as specific EP Rental products (XQ & XQE). This category should not be used for Diesel & Gas EPG (nonrental), Petroleum, Locomotive, or Marine electric power applications Please ensure the selected unit complies with regional emission standards.		NC
Y	MSPETDR	PETROLEUM LAND DRILLING 0 Engines, transmissions and packages used to drill oil and gas wells (including auxiliary GEN Sets mounted on drill rigs). This includes Petroleum, Industrial, EPG, and Marine price list products.		NC
Y	MSPETPG	PETRO LAND PROD/PUMPING 0 All engines utilized in the generation of mechanical and electrical power for exploration, recovery and transmission of petroleum products including gathering, production, pumping, and refining, (BUT NOT GAS COMPRESSION or drilling). Applications include camp power, emergency gen sets (non-drilling), prime power at production and storage facilities, cranes, fire pumps, air compressors, primary or secondary recovery systems such as down hole pumps, water flood or disposal systems, etc. This includes rental products which fit Petroleum Production/Pumping market segment description. This includes Industrial, Marine, and EPG price list products.		NC

AIR INLET SYSTEM

Y	STDAIR	SINGLE ELEMENT AIR FILTER 0 Light Duty		\$202
Y	ACLSS01	CARTRIDGE TYPE AIR FILTER(s) 0 Medium Duty		\$408

GENERATORS

C7.1 GENSET SELF EXCITED & OVERSIZED GENERATORS FOR 60Hz PACKAGE GENSETS
 Available at: 480/277, 240/120 or 208/120 volts.

USE	REF NO.	MANDATORY ATTACHMENTS							Ship Weight lbs	List Price At Factory
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GENERATORS (CONT.)

Model	Volt	Stdby		Prime		Alt FC	Alt Frame (LC)	No (454-)	Arrg		Alt
		kW	kVA	kW	kVA				Stdby Temp	Prime Rise	
D125-8	480	125	156.3	114	142.5	OGNSEAD	3114G	5273	130/40	105/40	SE
D125-8	240	125	156.3	114	142.5	OGNSEZ7	3114H	5275	150/40	125/40	SE
D125-8	208	125	156.3	114	142.5	OGNSEZ7	3114H	5275	150/40	125/40	SE
D125-8	480	125	156.3	114	142.5	OGNSEZ7	3114H	5275	130/40	105/40	SEOS
D125-8	240	125	156.3	114	142.5	OGNSEZ8	3114J	5283	105/40	105/40	SEOS
D125-8	208	125	156.3	114	142.5	OGNSEZ8	3114J	5283	105/40	105/40	SEOS
D150-10	480	150	187.5	135	168.8	OGNSEZ8	3114J	5283	130/40	105/40	SE
D150-10	240	150	187.5	135	168.8	OGNSEZ8	3114J	5283	150/40	125/40	SE
D150-10	205	150	187.5	135	168.8	OGNSEZ8	3114J	5283	150/40	125/40	SE
(465-)											
D150-10	480	150	187.5	135	168.8	OGNSEZ9	5014D	7467	105/40	80/40	SEOS
D150-10	240	150	187.5	135	168.8	OGNSEZ9	5014D	7467	105/40	80/40	SEOS
D150-10	208	150	187.5	135	168.8	OGNSEZ9	5014D	7467	105/40	80/40	SEOS
D175-4	480	175	218.8	157.5	196.9	OGNSEZ9	5014D	7467	130/40	105/40	SE
D175-4	240	175	218.8	157.5	196.9	OGNSEZ9	5014D	7467	150/40	125/40	SE
D175-4	208	175	218.8	157.5	196.9	OGNSEZ9	5014D	7467	150/40	125/40	SE
(456-)											
D175-4	480	175	218.8	157.5	196.9	OGNSEAC	5014F	8090	105/40	80/40	SEOS
D175-4	240	175	218.8	157.5	196.9	OGNSEAC	5014F	8090	130/40	105/40	SEOS
D175-4	208	175	218.8	157.5	196.9	OGNSEAC	5014F	8090	130/40	105/40	SEOS
D200-2	480	200	250.0	na	na	OGNSEAC	5014F	8090	130/40	na	SE
D200-2	240	200	250.0	na	na	OGNSEAA	5014H	8091	105/40	na	SE
D200-2	208	200	250.0	na	na	OGNSEAA	5014H	8091	105/40	na	SE
D200-2	480	200	250.0	na	na	OGNSEAA	5014H	8091	105/40	na	SEOS
(452-)											
D200-2	240	200	250.0	na	na	OGNSEAB	5014J	5497	105/40	na	SEOS
D200-2	208	200	250.0	na	na	OGNSEAB	5014J	5497	105/40	na	SEOS

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GENERATORS (CONT.)

C7.1 GENSET AREP & OVERSIZED GENERATORS FOR 60Hz PACKAGE GEN SETS
 Available at: 600/347, 480/277, 240/120 or 208/120 volts.

Model	Volt	Stdby kW	Stdby kVA	Prime kW	Prime kVA	Alt FC	Alt Frame (LC)	Alt Arrg (454-)	Stdby Temp	Prime Rise	Alt
D125-8	600	125	156.3	114	142.5	OGNARA1	3124G	5274	150/40	125/40	AREP
D125-8	600	125	156.3	114	142.5	OGNARA2	3124H	5276	130/40	105/40	AROS
(454-)											
D150-10	600	150	187.5	135	168.8	OGNARA4	3124J	5284	150/40	125/40	AREP
(465-)											
D150-10	600	150	187.5	135	168.8	OGNARA5	5024D	7473	105/40	80/40	AROS
(465-)											
D175-4	600	175	218.8	157.5	196.6	OGNARA5	5024D	7473	130/40	105/40	AR
D175-4	600	175	218.8	157.5	196.9	OGNARA7	5024F	8093	105/40	105/40	AROS
(456-)											
D200-2	600	200	250.0	na	na	OGNARA7	5024F	8093	150/40	na	AR
D200-2	600	200	250.0	na	na	OGNARB1	5024H	8097	105/40	na	AROS
(452-)											
D200-2	240	200	250.0	na	na	OGNARA8	5024J	5501	105/40	na	AROS
D200-2	208	200	250.0	na	na	OGNARA8	5024J	5501	105/40	na	AROS

SELF EXCITED - GENERATORS (STANDARD & OVERSIZE)

Y	OGNSEAD	SE FRAME: LC3114G	0	\$6,523
		Arr: 454-5273		
Y	OGNSEZ7	SE FRAME: LC3114H	0	\$6,805
		Arr: 454-5275		
Y	OGNSEZ8	SE FRAME: LC3114J	0	\$7,088
		Arr: 454-5283		
Y	OGNSEZ9	SE Frame: LC5014D	0	\$7,698
		Arr: 465-7467		
Y	OGNSEAC	SE Frame: LC5014F	0	\$8,304
		Arr: 456-8090		
Y	OGNSEAA	SE Frame: LC5014H	0	\$10,027
		Arr: 456-8091		
Y	OGNSEAB	SE Frame: LC5014J	0	\$13,211
		Arr: 452-5497		

AREP - GENERATORS (STANDARD & OVERSIZE)

Y	OGNARA1	AREP FRAME: LC3124G	0	\$6,275
		Arr: 454-5274		
Y	OGNARA2	AREP FRAME: LC3124H	0	\$6,558
		Arr: 454-5276		
Y	OGNARA4	AREP FRAME: LC3314J	0	\$7,174
		Arr: 454-5284		

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GENERATORS (CONT.)

AREP - GENERATORS (STANDARD & OVERSIZE) (Cont.)

Y	OGNARA5	AREP FRAME: LC5024D Arr: 465-7473	0	\$7,914
Y	OGNARA7	AREP Frame: LC5024F Arr: 456-8093	0	\$9,315
Y	OGNARB1	AREP Frame: LC5024H Arr: 456-8097	0	\$11,037

LANGUAGE OPTIONS

(Control Panel & Decal Language)

Y	LANSPAO	LANGUAGE MARKINGS-SPANISH	0	NC
Y	LANFREO	LANGUAGE MARKINGS-FRENCH	0	NC
Y	LANENGC	ADDL LANGUAGE-ENGLISH	0	NC

PAINTS

Y	CAT	CAT YELLOW/BLACK	0	\$510
Y	CATREN	CAT WHITE	0	NC

EXTENDED SERVICE COVERAGE

Extended Service Coverage (ESC) for the Cat branded commercial power systems
 Customer must select one of the following Extended Service Coverage options for Cat branded commercial power systems.
 If no ESC is desired, select feature code for NO ESC.
 For coverage details, including covered components and exclusions, see applicable contract (<https://Dealer.cat.com/ESC>).
 All options included here are \$0 deductible.

Y	ECI2EN1	PLATINUM COVERAGE Prime/Continuous: 24 months, 2,000 hours, \$0 deductible	0	\$870 NET
Y	ECI2IN1	PLATINUM COVERAGE Prime/Continuous: 24 months, 4,000 hours, \$0 deductible	0	\$1,480 NET
Y	ECI3GN1	PLATINUM COVERAGE Prime/Continuous: 36 months, 3,000 hours, \$0 deductible	0	\$1,660 NET
Y	ECI3MN1	PLATINUM COVERAGE Prime/Continuous: 36 months, 6,000 hours, \$0 deductible	0	\$2,580 NET
Y	ECI4IN1	PLATINUM COVERAGE Prime/Continuous: 48 months, 4,000 hours, \$0 deductible	0	\$2,420 NET
Y	ECB3DN1	SILVER COVERAGE Standby: 36 months, 1,500 hours, \$0 deductible	0	\$190 NET
Y	ECF3DN1	GOLD COVERAGE Standby: 36 months, 1,500 hours, \$0 deductible	0	\$280 NET
Y	ECJ3DN1	PLATINUM COVERAGE Standby: 36 months, 1,500 hours, \$0 deductible	0	\$330 NET

USE	REF NO.	MANDATORY ATTACHMENTS	Ship Weight lbs	List Price At Factory
EXTENDED SERVICE COVERAGE (CONT.)				
Y	ECB4EN1	SILVER COVERAGE 0 Standby: 48 months, 2,000 hours, \$0 deductible		\$380 NET
Y	ECF4EN1	GOLD COVERAGE 0 Standby: 48 months, 2,000 hours, \$0 deductible		\$570 NET
Y	ECJ4EN1	PLATINUM COVERAGE 0 Standby: 48 months, 2,000 hours, \$0 deductible		\$660 NET
Y	ECB5FN1	SILVER COVERAGE 0 Standby: 60 months, 2,500 hours, \$0 deductible		\$590 NET
Y	ECF5FN1	GOLD COVERAGE 0 Standby: 60 months, 2,500 hours, \$0 deductible		\$880 NET
Y	ECJ5FN1	PLATINUM COVERAGE 0 Standby: 60 months, 2,500 hours, \$0 deductible		\$1,030 NET
Y	ECB0KN1	SILVER COVERAGE 0 Standby: 120 months, 5,000 hours, \$0 deductible		\$1,950 NET
Y	ECF0KN1	GOLD COVERAGE 0 Standby: 120 months, 5,000 hours, \$0 deductible		\$2,920 NET
Y	ECJ0KN1	PLATINUM COVERAGE 0 Standby: 120 months, 5,000 hours, \$0 deductible		\$3,400 NET
No ESC				
Y	ESCNONE	NO EXTENDED SERVICE COVERAGE 0		NC

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CERTIFICATIONS

IBC Seismic & Wind Certifications

Y	IBCSCCB	CERTIFICATION OF COMPLIANCE	0	\$271 NET
		NOTE: TECHNICAL: Provides IBC Seismic labeling and mounting groups for open and enclosed generator set with or without sub base fuel tanks REQUIRES: NFPA, ULLIST, TSPCSA1 and VIB4C(isolators)		
Y	BCWBC1	IBC CERTIFICATION WIND ENC	0	\$273 NET
		NOTE: TECHNICAL: 180mph wind load REQUIRES: Enclosure WPIC, SATCBC, SATFBC, ENCAL04		
Y	IBOSHPA	CERTIFICATION OF COMPLIANCE	0	\$918 NET
		TECHNICAL: labeling for open generator sets and for the optional enclosure. With or without sub-base fuel tank. Provides dual IBC Seismic and OSHPD pre-approval REQUIRES: VIB4C, NFPA and ULLIST OR TSPCSA1 CANNOT BE USED WITH: ENCAL04		

EXHAUST SYSTEM

Silencer Systems

Note: EXS1, EXM1, EXS2 and EXS3 only available on opens sets.
Ships loose.
EXM1, EXS2 and EXS3 Includes stainless flex(bellows), exhaust, elbow, straight exhaust connector, required brackets and exhaust clamps.

Y	EXS1D	SILENCER SYSTEM 10DBA	0	\$143
Y	EXS2D	SILENCER SYSTEM 25DBA	0	\$597
Y	EXS3D	SILENCER SYSTEM 35DBA	0	\$713
Y	EXM1C	OVERHEAD SILENCER MOUNTING KIT	0	\$139

CHARGING SYSTEM

Y	PBC10NU	NFPA BATT CHARGER UL10A 120VAC	0	\$712
		NOTE: NFPA,UL & CSA compliant		
Y	B1RB	BATTERY REMOVAL	0	\$-84
		NOTE: Removes battery only;cables and rack still supplied		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CIRCUIT BREAKERS

3-POLE 100% RATED

CIRCUIT BREAKERS - Reference Tables
 Package Mounted, Single & Dual Breaker combination
 Voltage (L-L)

Rating	200kWe	Single Circuit Breaker Options				
Voltage	FLC	T1	T3	T4	T5	T6
600/347	241	50A-100A	125-225A	250A	400A	600-800A
480/227	301	50A-100A	125-225A	250A	400A	600-800A
240/120	601	50A-100A	125-225A	250A	400A	600-800A
208/120	694	50A-100A	125-225A	250A	400A	600-800A

Rating	175kWe	Single Circuit Breaker Options				
Voltage	FLC	T1	T3	T4	T5	T6
600/347	211	50A-100A	125-225A	250A	400A	600-800A
480/227	263	50A-100A	125-225A	250A	400A	600-800A
240/120	526	50A-100A	125-225A	250A	400A	600-800A
208/120	607	50A-100A	125-225A	250A	400A	600-800A

Rating	150kWe	Single Circuit Breaker Options				
Voltage	FLC	T1	T3	T4	T5	T6
600/347	162	50A-100A	125-225A	250A	400A	600-800A
480/227	226	50A-100A	125-225A	250A	400A	600-800A
240/120	451	50A-100A	125-225A	250A	400A	600-800A
208/120	469	50A-100A	125-225A	250A	400A	600-800A

Rating	125kWe	Single Circuit Breaker Options				
Voltage	FLC	T1	T3	T4	T5	T6
600/347	150	50A-100A	125-225A	250A	400A	600-800A
480/227	188	50A-100A	125-225A	250A	400A	600-800A
240/120	376	50A-100A	125-225A	250A	400A	600-800A
208/120	434	50A-100A	125-225A	250A	400A	600-800A

Dual Breaker Combinations

Single Breaker	1st CB Primary+	Secondary	Secondary	Secondary	Secondary	Secondary
T1 50-100A	50A-100A	30-100A	125-225A	250A	N/A	N/A
T3 125-225A	125-225A	30-100A	125-225A	250A	N/A	N/A
T4 250A	250A	30-100A	125-225A	250A	N/A	N/A
T5 400A	400A	30-100A	125-225A	250A	N/A	N/A
T6 600-800A	600-800A	30-100A	125-225A	250A	N/A	N/A

Y SHTAUX SHUNT TRIP & AUXILIARY CONTACT 0 \$161

BREAKERS (100% UL RATED)

Note: With Circuit Breaker(s) less than package FLC, Factory Test will ONLY be performed up to Circuit Breaker capacity.

Y CB0501B 50A BREAKER 100% UL 0 \$468

Y CB0601B 60A BREAKER 100% UL 0 \$468

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CIRCUIT BREAKERS (CONT.)

BREAKERS (100% UL RATED) (Cont.)

Y	CB0701B	70A BREAKER 100% UL	0	\$468
Y	CB0801B	80A BREAKER 100% UL	0	\$468
Y	CB0901B	90A BREAKER 100% UL	0	\$468
Y	CB1001B	100A BREAKER 100% UL	0	\$468
Y	CB1251B	125A BREAKER 100% UL	0	\$600
Y	CB1501B	150A BREAKER 100% UL	0	\$600
Y	CB1751B	175A BREAKER 100% UL	0	\$600
Y	CB2001B	200A BREAKER 100% UL	0	\$600
Y	CB2251B	225A BREAKER 100% UL	0	\$897
Y	CB2501B	250A BREAKER 100% UL	0	\$822
Y	CB4001A	400A BREAKER 100% UL	0	\$1,240
Y	CB6001A	600A BREAKER 100% UL	0	\$2,271
Y	CBR8001	800A BREAKER 100% UL	0	\$2,553

DUAL BREAKERS (100% UL RATED)

Y	NO2NDCB	NO 2ND BREAKER	0	NC
Y	CB0302B	30A BREAKER 100% UL	0	\$505
Y	CB0402B	40A BREAKER 100% UL	0	\$505
Y	CB0502B	50A BREAKER 100% UL	0	\$505
Y	CB0602B	60A BREAKER 100% UL	0	\$579
Y	CB0702B	70A BREAKER 100% UL	0	\$579
Y	CB0802B	80A BREAKER 100% UL	0	\$579
Y	CB0902B	90A BREAKER 90% UL	0	\$579
Y	CB1002B	100A BREAKER 100% UL	0	\$579
Y	CB1252B	125A BREAKER 100% UL	0	\$717
Y	CBR1502	150A BREAKER 100% UL	0	\$717
Y	CBR1752	175A BREAKER 100% UL	0	\$717

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CIRCUIT BREAKERS (CONT.)

DUAL BREAKERS (100% UL RATED) (Cont.)

Y	CBR2002	200A BREAKER 100% UL	0	\$717
Y	CBR2252	225A BREAKER 100% UL	0	\$786
Y	CBR2502	250A BREAKER 100% UL	0	\$982

2ND BREAKER BOX

Y	2NDCBBX	2ND CIRCUIT BREAKER BOX	0	NC
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SUITABLE FOR USE AS SERVICE DISCONNECT - LABEL

Y	NOSUSE	NEUTRAL BAR ONLY	0	NC
Y	NOSUS1A	NO SUSE 1ST CB 100A OR LESS	0	\$37
Y	NOSUS1B	NO SUSE 1ST CB 125 TO 400A	0	\$108
Y	NOSUS1C	NO SUSE 1ST CB 600 TO 800A	0	\$179
Y	NOSUS2A	NO SUSE 2ND CB 100A OR LESS	0	\$37
Y	NOSUS2B	NO SUSE 2ND CB 125 TO 400A	0	\$108
Y	SUSE	SUSE BAR & LABEL	0	NC
Y	SUSE1A	SUSE FOR 1ST CB 100A OR LESS	0	\$87
Y	SUSE1B	SUSE FOR 1ST CB 125 TO 400A	0	\$173
Y	SUSE1C	SUSE FOR 1ST CB 600 TO 800A	0	\$281
Y	SUSE2A	SUSE FOR 2ND CB 100A OR LESS	0	\$87
Y	SUSE2B	SUSE FOR 2ND CB 125 TO 400A	0	\$173

POWER TERMINAL STRIPS

Cannot Be Used With: Circuit Breakers, Shunt Trip & Auxiliary Contacts or overload shutdown, SUSE or GFR001.

Y	PTSD33A	POWER TERMINAL STRIPS (3100)	0	\$1,288
		NOTE: Requires Generator Frame 3000		
Y	PTSD33B	POWER TERMINAL STRIPS (5000)	0	\$1,288
		NOTE: Requires Generator Frame 5000		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CONTROL PANELS

Control Panel Options

Y	NFPA	NFPA110 BUNDLE		
		NOTE: Bundled option to include: FSS low fuel level alarm & indication panel circuitry required when sub-base tank is selected WSS1 Low Coolant level shut down WCA1 Low Coolant temperature alarm PAA1 Panel mounted audible alarm PBC10NU NFPA Battery Charger A coolant heater,remote annunciator or 0.8 power factor test may be required depending on the application		
Y	CPOB	CONTROL PANEL OPTIONS BOX	0	\$517
		NOTE: Only available with WHH, AH1H, EBH, EOS, PBC10NU, CABH, GFCI, REM200, WHHH, GFR001		
Y	ENGOPT	OPTION HARNESS - ENGINE OPTION	0	\$130
		NOTE: Only available with options FSS - Fuel Level Reading		
Y	CCM0005	CAN2	0	\$42
		SERVICE CONNECTOR HARNESS (Shipped Loose) TECHNICAL: Consists of a service tool connection point with wiring mounted on a bracket that is mounted on the upper section option chassis. Required to re-program annunciators		
Y	GFCI	GFCI AC RECEPTACLE & WIRING	0	\$75
		REQUIRES: CPOB		
Y	PAA1	AUDIBLE ALARM	0	\$56
Y	GFR001	GROUND FAULT RELAY	0	\$1,230
		TECHNICAL: GROUND FAULT INDICATION CANNOT BE USED WITH: POWER TERMINAL STRIPS or REM200		
Y	EMCSDP1	DISCRETE I/O MODULE	0	\$528
		Shipped loose. TECHNICAL: Provides 12 programmable spare inputs and eight programmable relay outputs for system expansion.		
Y	EMGSTP1	REMOTE E-STOP BUTTON	0	\$102
		TECHNICAL: TWIST RELEASE, RED BUTTON EMERGENCY STOP WITH 2 NORMALLY CLOSED (NC) CONTACTS IN YELLOW/LIGHT GRAY COLOR (TYPE 1,3R,4,4X,12,13) ENCLOSURE WITH SHROUD UL-Listed. NOTE: Shipped Loose MAX QTY 4		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CONTROL PANELS (CONT.)

Controls

Y	VFRCON	VOLT FREE CONTACTS GENSET RUN 0 & COMMON ALARM 1. Main breaker voltage 2. ATS position (Contact from ATS) 3. Battery charger failure (From Battery Charger) 4. Low coolant level 5. Oil pressure 6. Main breaker amperage 7. Fuel tank level (actual level of fuel) Note:Requires FFS Input 8. Low oil pressure (Alarm) 9. Fuel pressure 10. Normal voltage 11. Radiator coolant temperature 12. System leak detection (Lube Oil and Coolant)		\$69
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Remote Annunciator

1. Emergency Stop Shutdown
2. Over Crank
3. High Coolant Temperature Shutdown
4. High Coolant Temperature Alarm
5. Low Coolant Temperature Alarm
6. Low Oil Pressure Shutdown
7. Low Oil Pressure Alarm
8. Overspeed Shutdown
9. Low Coolant Level Shutdown
10. Low Coolant Level Alarm
11. Low Fuel Level Shutdown
12. Low Fuel Level Alarm
13. Generator Not in Auto - Alarm
14. High Battery Voltage Shutdown
15. High Battery Voltage Alarm
16. Low Battery Voltage Alarm
17. Low Cranking Voltage Alarm
18. Battery Charger A/C Failure
19. EPS Supplying Load
20. Engine Running

Y	MCM9EN1	16 CH PROGRAMMABLE ANUNC/ENC 0 NOTE: CAN Connection programmable Annunciator and Enclosure Shipped Loose MAX QTY 4		\$724
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Y	ANNR001	REMOTE NFPA ANNCIATORS 0 TECHNICAL: NFPA 99-110/CSA282 REMOTE ANNUNCIATOR RS-485 with MOUNTING BOX. NOTE: Shipped Loose MAX QTY 10		\$766
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USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CONTROL PANELS (CONT.)

Remote Annunciator (Cont.)

Y	ANNR010	16-LIGHT NFPA 99/110 ANNUNCIAT 0 TECHNICAL: NFPA 99-110/CSA282 REMOTE ANNUNCIATOR RS-485 for FLUSH MOUNTING (BOX NOT INCLUDED) NOTE: Shipped Loose MAX QTY 4		\$411
Y	ANNMB01	ANNUNCIATOR BOX 0 TECHNICAL: UL LISTED GALVANIZED TYPE 1 BOX FOR MOUNTING OF REMOTE ANNUNCIATOR ANNR010 NOTE: Shipped Loose MAX QTY 4		\$105
Y	RS485H	RS-485 HARNESS 0 TECHNICAL: ONLY includes terminal connections for RS-485. CANNOT BE USED WITH: annunciators that have terminal connections already include ANNRO01 or ANNR010.		\$306
Y	REM200	REMOTE COMMUNICATIONS 0 TECHNICAL: Factory installed Modbus to Ethernet Converter with advanced Alarms & Status; handles via SMS,email & Simple Network Management Protocol (SNMP) Product not supported via TMI For information contact OEM at NetBiter.net REQUIRES: CPOB NOTE: For fully supported CAT communications module use Product Link RM - literature no. PELJ1415-00i available via CAT parts as a retrofit kit part no. 396-4284 (installation not included).		\$1,519

CONFIGURABLE OPTIONS

Note:Maximum number of options will depend on models selected:
 Maximun options may be selected (NFPA not included) of:
 Four (4) OPTIONS:
 WCA - Low Coolant Temp Alarm (Included with NFPA)
 WSS1 - Low Coolant Level Shutdown (Includeed with NFPA)
 FSS - Fuel Level Reading (Alarms Low/High & Shutdown)
 PPO1 - Overload Alarm

Protective Devices

Y	WCA1	LOW COOLANT TEMPERATURE ALARM 0 SET at 69 degree F and off at 80 degree F		NC
Y	WSS1	LOW COOLANT LEVEL SHUTDOWN 0		\$172

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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CONTROL PANELS (CONT.)

Protective Devices (Cont.)

Y	FSS	FUEL LEVEL READING 0 Low fuel level (alarm) Low fuel main tank (shutdown) High fuel level 90% (alarm) REQUIRES: Sub-Base Tank		\$237
Y	PP01	OVERLOAD SHUTDOWN VIA BREAKER 0 REQUIRES: SHTAUX		\$207

NOTE: Breaker trip contact activates shutdown.

COOLING SYSTEM

Y	STGD	RADIATOR STONE GUARD 0		\$93
		NOTE: Only available on open sets		
Y	WTF1B	RADIATOR TRANSITION FLANGE 0		\$399

NOTE: Powder-coated sheet steel. Only available on open sets

ENCLOSURES

Includes installed silencer system as standard

Y	NOENCLO	NO ENCLOSURE 0		NC
Y	WPIC	WEATHERPROOF ENCLOSURE 0 TECHNICAL: Industrial Silencer internal with foamed bulkhead and roof		\$6,753
Y	SATCBC	SOUND ATTENUATED LEVEL 1 0 TECHNICAL: Endbox Critical Silencer		\$7,548
Y	SATFBC	SOUND ATTENUATED LEVEL 2 0 TECHNICAL: Foam enclosure with endbox Critical Silencer		\$8,606
Y	PVW2	PANEL VIEWING WINDOW 0		\$49
Y	NOCSB2	NO EXTERNAL EMERGENCY STOP 0		NC
Y	CSB2	EXTERNAL EMERGENCY STOP 0		\$82

Optional Aluminum Enclosure

Includes internal muffler, installed

Y	ENCAL04	ALUMINUM SOUND ATTENUATED -WHT 0 TECHNICAL: Foam enclosure with endbox Critical Silencer REQUIRES: CATREN CANNOT BE USED WITH: OSHPD		\$13,279
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USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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HEATING ELEMENTS

Heating elements require CPOB options box

Y	WHH	COOLANT HEATER 0		\$329
		TECHNICAL: On at 100 and off at 120 degree F		
Y	WHHH	JACKET WATER HEATER with Pump. 0		\$1,148
		With Circulating Pump		
Y	AH1H	ANTI-CONDENSATION HEATER 0		\$345
		NOTE: Installed in generator, shuts down on genset start		
Y	EBH	BATTERY HEATER 0		\$215
Y	EOS	LUBE OIL SUMP HEATER 0		\$213
		NOTE: Heater pad, requires 120V power source		
Y	CABH	WIRING FOR CANOPY SPACE HEATER 0		\$28
		(15 Amp)		
		NOTE: Space Heater NOT INCLUDED		

FUEL SYSTEM

	NOFSBT	NO FUEL SUB-BASE TANK 0		NC
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Fuel Tanks Sub-base (UL & ULC Listed)

Standard Fuel Fill,UL Rated Emergency-vent,Standard vent,
 Fuel Sender & Leak Detection Probe to meet UL142 & ULCS601 listing.
 125% capacity for diesel fuel leak.
 LABEL:DIESEL FUEL AND GALLONS (LITERS:)

Y	FSBTI24	FUEL SUB-BASE TANK 0		\$6,387
		Vol. 408 gal.		
Y	FSBTJ48	FUEL SUB-BASE TANK 0		\$8,731
		Vol. 777 gal.		

FUEL FILL

Y	FFLCK	LOCKING FUEL FILL 0		NC
Y	FSCO5G	5 GAL SPILL CONTAINMENT 0		\$407
Y	FSC5GDT	5 GALL SPILL CONTAIN 0		\$675
		with Drop Tube		
		TECHNICAL: To meet codes NFPA 30 and IFC 2012		
Y	DT24HRB	5 GALLON FILL CONTAINMENT 0		\$1,727
		w/Overflow Prevention & drop tube		
Y	DT48HRB	5 GALLON FILL CONTAINMENT 0		\$1,727
		w/Overflow Prevention & drop tube		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
FUEL SYSTEM (CONT.)				
VENT PIPE (Select One)				
Y	FVP12FT	STANDARD VENT PIPE 0 TECHNICAL: Extension to 12ft above grade (Shipped Loose)		\$353
EMERGENCY VENT PIPE				
Y	FFULEV4	EMERGENCY VENT UL-4" 0		NC
Y	FFULEV5	EMERGENCY VENT UL-5" 0		NC
Y	FFEXV4	4" EMERGENCY VENT PIPE EXT 0 TECHNICAL: Extension to 12ft above grade (Shipped Loose)		\$1,048
Y	FFEXV5	5" EMERGENCY VENT PIPE EXT 0 TECHNICAL: Extension to 12 ft above grade (Shipped Loose)		\$1,312
TANK RISER				
Y	FTRISE	TANK RISER 0 Tank bottom raised 2.5" REQUIRES: Sub-Base Tank		\$620
NOTE: Raises tank above foundation slab providing space for inspection underneath fuel tank. (Shipped Loose)				
GENERATORS				
GENERATOR OPTIONS				
Y	STDIVR	IVR EM10 0		NC
Y	PMEXCI3	PERMANENT MAGNET GENERATOR 0 CANNOT BE USED WITH: AREP Excitationon VOP601 (480V), VOP606 (240V) or VOP610 (208V) Voltages.		\$1,182
MOUNTING SYSTEM				
Y	STDVIB	VIBRATION ISOLATORS 0		NC
Y	VIB4C	SEISMIC VIBRATION ISOLATORS 0		\$141
SPECIAL PACKING/INSPECTIONS FOR SHIPMENT				
Y	SWP0021	SHRINK WRAP PROTECTION 0		\$102 NET
NOTE: For use with open and enclosed package sets				
<hr/> Supersedes 01JAN2017 Caterpillar: Confidential Green PSNA-EPG-F C				
Subject to change without notice Printed in U.S.A. UNITED STATES DOLLAR				
Effective 01JAN2018 EPG-C7.1PGABR-026				

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
TESTS				
Y	STDTEST	PKG GEN SET @ 0.8 PF	0	NC
Y	TST0035	TEST - PKG GEN SET 1.0 PF	0	NC
		CANNOT BE USED WITH: STDTEST		
Y	TRSGEN7	PGS TEST REPORT @ 0.8 PF	0	\$324 NET
		NOTE: Printed test report		
Y	TRSGEN2	PGS TEST REPORT @ 1.0 PF	0	\$324 NET
		NOTE: Printed test report		
Y	TRSGEN1	GENERATOR TEST REPORT	0	\$324 NET
Y	4HRTLS	4 HOUR TEST (FACTORY)	0	\$2,085 NET
		4hr Test (un-witnessed) at 100% rated load, taking readings every 15min intervals and recording the following data:		
		1) Time of reading		
		2) Running time		
		3) Ambient temp in degrees C		
		4) Lube oil pressure in kPa		
		5) Lube oil temp in degrees C		
		6) Engine coolant temp in degrees C		
		7) Exhaust stack temp in degrees C		
		8) Alternator voltage: phase 1,2,3		
		9) Alternator current: phase 1,2,3		
		10)Power in kW		
		11)Frequency in Hz		
		12)Power Factor		
		13)Alternator cooling air outlet temps		
		NOTE: This option impacts RTS dates		