

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 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  
 D80-8 to D100-8, D80-4S to D100-8S product includes ADEM-A4 electronic engine control w/Speed Adjust thru EMCP  
 Tier 3 EPA Approved Emissions Certified

### 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  
 optional -Voltage Adjust  
   std -Engine Cycle Crank  
   std -Emergency Stop pushbutton  
 optional -Audible Alarm  
 EMCP 4.2 controller features:

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## CONTROL SYSTEM (CONT.)

- 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 Pressure
  - 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

## COOLING SYSTEM

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

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## 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

### WARRANTY

Warranty per SELF5611

## 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.

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**PACKAGE SUMMARY**

**D80-8,D100-8**

**EPA STATIONARY EMERGENCY (EPA TIER 3 EMISSIONS LEVELS)**

**C4.4 PACKAGE SUMMARY 60HZ (600/480/240/208V)**

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Model	Volt	Stdby		Stdby		Alt	FC	Alt	Frame	Arrg	No	Temp Rise		Alt
		kW	kVA	kW	kVA							Stdby	Prime	
D80-8	600	80	100	72	90.0	OGNAR95		LC3124D	454-4841	105/40		80/40	AR	
D80-8	480	80	100	72	90.0	OGNSEZ5		LC3114D	451-8416	105/40		80/40	SE	
D80-8	240	80	100	72	90.0	OGNSEZ5		LC3114D	451-8416	105/40		105/40	SE	
D80-8	208	80	100	72	90.0	OGNSEZ5		LC3114D	451-8416	105/40		105/40	SE	
D100-8	600	100	125	90	112.5	OGNAR95		LC3124D	454-4841	105/40		125/40	AR	
D100-8	480	100	125	90	112.5	OGNSEZ5		LC3114D	451-8416	150/40		125/40	SE	
D100-8	240	100	125	90	112.5	OGNSEZ6		LC3114F	454-4860	130/40		105/40	SE	
D100-8	208	100	125	90	112.5	OGNSEZ6		LC3114F	454-4860	130/40		105/40	SE	

**MODEL CONFIGURATION  
 3 PHASE**

Y	NAC222P	D80-8 60HZ 480V.	0	\$18,328
Y	NAC210P	D80-8 60HZ 240V.	0	\$18,328
Y	NAC213P	D80-8 60HZ 208V.	0	\$18,328
Y	NAC216P	D80-8 60HZ 600V.	0	\$18,328
Y	NAC223P	D100-8 60HZ 480V.	0	\$20,445
Y	NAC211P	D100-8 60HZ 240V.	0	\$19,084
Y	NAC214P	D100-8 60HZ 208V.	0	\$19,084
Y	NAC217P	D100-8 60HZ 600V.	0	\$20,445

**D80 -4S,D100 -8S  
 EPA STATIONARY EMERGENCY (EPA TIER 3 EMISSIONS LEVELS)  
 C4.4 PACKAGE SUMMERY 60 HZ (240V 1 PHASE)**

Model	Volt	Stdby		Prime		Alt	FC	Alt	Frame	Arrg	No	Temp Rise		Alt
		kW	kVA	kW	kVA							Stdby	Prime	
D80-4S	240	80	80	72	72	OGNSP04		LCB3114D	451-8418	130/40		105/40	SP	
D100-8S	240	100	100	90	90	OGNSP05		LCB3114F	454-4862	130/40		105/40	SP	

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**1 Phase**

Y	NAC219P	D80-4S 60HZ 240V. .... 0	\$18,678
Y	NAC220P	D100-8S 60HZ 240V. .... 0	\$18,678

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

**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 D100 with 480/277 or 600/346V		\$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 D100 with 480/277 or 600/346V		\$190 NET
Y	NR	NO CERTIFICATION . . . . . 0		NC

**VOLTAGE INDICATORS**

**Hertz Options**

Y	60HZ	60 HERTZ . . . . . 0		NC
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**Voltage Options**

Y	VOP610	60Hz 3PH 208/120V . . . . . 0 NOTE: Applies to D80 -8, D100 -8		NC
Y	VOP601	480/277V . . . . . 0 NOTE: Applies to D80-8 to D100-8		NC
Y	VOP622	60 HZ 1PH 240/120V . . . . . 0 NOTE: Applies to D80-4S to D100-8S		NC



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

*Voltage Options (Cont.)*

Y	VOP606	60HZ 3PH 240/120V . . . . .	0	NC
		NOTE: Applies to D80-8 to D100-8		
Y	VOP612A	600/347 VAC . . . . .	0	NC
		NOTE: Applies to D80-8,D80-8		
Y	VOP612B	600/347V VAC . . . . .	0	NC
		NOTE: Applies to D100-8		

*Accessories Power Supply Voltages*

Y	VAC120	120 VOLTS . . . . .	0	NC
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**APPLICATION INDICATORS**

*Duty - Rating Type*

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

*Rating and Speed (Select One)*

Y	KW00080	60 Hz, 80 kW . . . . .	0	NC
		NOTE: Applies to D80		
Y	KW00072	60 HZ(1800 RPM) RATINGS (PRIME . . . . .	0	NC
		NOTE: Applies to D80		
Y	KW00100	60 Hz, 100 kW . . . . .	0	NC
		NOTE: Applies to D100		
Y	KW00090	60 HZ(1800 RPM) RATINGS (PRIME . . . . .	0	NC
		NOTE: Applies to D100		

NOTE:

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**MARKET SEGMENTATION**

Y	MSEPGGN	<b>GENERAL EPG</b> . . . . . 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
Y	MSPMDXQ	<b>END USE: RENTAL EPG</b> . . . . . 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	<b>PETROLEUM LAND DRILLING</b> . . . . . 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	<b>PETRO LAND PROD/PUMPING</b> . . . . . 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

**GENERATORS**

**C4.4 GENSET SELF EXCITED & OVERSIZED GENERATORS FOR 60HZ PACKAGE GENSETS**  
 Available at: 480/277, 240/120 or 208/120 Volts

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USE	REF NO.	<b>MANDATORY ATTACHMENTS</b>	Ship Weight lbs	List Price At Factory
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**GENERATORS (CONT.)**

Model	Volt	Stdby		Prime		Alt	FC	Alt	Frame	Arrg	No	Stdby		Prime	
		kW	kVA	kW	kVA							Temp	Rise	Alt	
D80-8	480	80	100	72	90.0	OGNSEZ5		LC3114D	451-8416			105/40	80/40	SE	
D80-8	240	80	100	72	90.0	OGNSEZ5		LC3114D	451-8416			105/40	105/40	SE	
D80-8	208	80	100	72	90.0	OGNSEZ5		LC3114D	451-8416			105/40	105/40	SE	
D80-8	480	80	100	72	90.0	OGNSEZ6		LC3114F	454-4860			105/40	80/40	SEOS	
D80-8	240	80	100	72	90.0	OGNSEZ6		LC3114F	454-4860			105/40	80/40	SEOS	
D80-8	208	80	100	72	90.0	OGNSEZ6		LC3114F	454-4860			105/40	80/40	SEOS	
D100-8	480	100	125	90	112.5	OGNSEZ5		LC3114D	451-8416			150/40	125/40	SE	
D100-8	240	100	125	90	112.5	OGNSEZ6		LC3114F	454-4860			130/40	105/40	SE	
D100-8	208	100	125	90	112.5	OGNSEZ6		LC3114F	454-4860			130/40	105/40	SE	
D100-8	480	100	125	90	112.5	OGNSEZ6		LC3114F	454-4860			105/40	80/40	SEOS	
D100-8	240	100	125	90	112.5	OGNSEAD		LC3114G	454-5273			105/40	80/40	SEOS	
D100-8	208	100	125	90	125.5	OGNSEAD		LC3114G	454-5273			105/40	80/40	SEOS	

USE	REF NO.	<b>MANDATORY ATTACHMENTS</b>	Ship Weight lbs	List Price At Factory
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**GENERATORS (CONT.)**

**C4.4 GENSET AREP & OVERSIZED GENERATORS FOR 60HZ PACKAGE GENSETS**  
 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	Arrg No	Stdby Temp	Prime Rise	Alt
D80-8	600	80	100	72	90.0	OGNAR95		LC3124D	454-4841	105/40	80/40	AR	
D80-8	600	80	100	72	90.0	OGNAR96		LC3124F	454-4864	105/40	80/40	AOS	
D100-8	600	100	125	90	112.5	OGNAR95		LC3124D	454-4841	150/40	125/40	AR	
D100-8	600	100	125	90	112.5	OGNAR96		LC3124F	454-4864	130/40	105/40	AOS	

**STANDARD ALTERNATOR**

Y	OGNSEZ5	SE FRAME: LC3114D	0	\$4,037
		Arr: 451-8416		
Y	OGNSEZ6	SE FRAME: LC3114F	0	\$5,229
		Arr: 454-4860		
Y	OGNSEAD	SE FRAME: LC3114G	0	\$6,523
		Arr: 454-5273		
Y	OGNSP04	SE FRAME: LCB3114D	0	\$4,037
		Arr: 451-8418		
Y	OGNSP05	SE 1P FRAME: LCB3114F	0	\$4,814
		Arr: 454-4862		

**AREP EXCITATION SYSTEM**

Y	OGNAR95	AREP FRAME: LC3124D	0	\$4,767
		Arr: 454-4841		
Y	OGNAR96	AREP FRAME: LC3124F	0	\$5,959
		Arr: 454-4864		

**LANGUAGE OPTIONS**

*(Control Panel & Decal Language)*

Y	LANSPAO	LANGUAGE MARKINGS-SPANISH	0	NC
Y	LANFREO	LANGUAGE MARKINGS-FRENCH	0	NC
Y	LANENGO	LANGUAGE MARKINGS-ENGLISH	0	NC

**PAINTS**

*Select one code*

Y	CATREN	CAT WHITE	0	NC
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**PAINTS (CONT.)**

*Select one code (Cont.)*

Y	CAT	CAT YELLOW/BLACK . . . . .	0	\$510
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**EXTENDED SERVICE COVERAGE**

***Extended Service Coverage (ESC) for 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 (<http://Dealer.cat.com/ESC>).

All options included here are \$0 deductible

Y	ECP2CQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 24 months, 1,500 hours, \$0 deductible	0	\$570 NET
Y	ECQ2CQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 24 months, 1,500 hours, \$0 deductible	0	\$650 NET
Y	ECP2EQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 24 months, 2,000 hours, \$0 deductible	0	\$730 NET
Y	ECQ2EQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 24 months, 2,000 hours, \$0 deductible	0	\$830 NET
Y	ECP2GQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 24 months, 2,500 hours, \$0 deductible	0	\$870 NET
Y	ECQ2GQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 24 months, 2,500 hours, \$0 deductible	0	\$990 NET
Y	ECP2LQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 24 months, 4,000 hours, \$0 deductible	0	\$1,240 NET
Y	ECQ2LQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 24 months, 4,000 hours, \$0 deductible	0	\$1,420 NET
Y	ECP3EQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 36 months, 2,000 hours, \$0 deductible	0	\$1,020 NET
Y	ECQ3EQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 36 months, 2,000 hours, \$0 deductible	0	\$1,170 NET
Y	ECP3HQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 36 months, 3,000 hours, \$0 deductible	0	\$1,380 NET
Y	ECQ3HQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 36 months, 3,000 hours, \$0 deductible	0	\$1,580 NET
Y	ECP3LQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 36 months, 4,000 hours, \$0 deductible	0	\$1,690 NET
Y	ECQ3LQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 36 months, 4,000 hours, \$0 deductible	0	\$1,930 NET
Y	ECP3NQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 36 months, 6,000 hours, \$0 deductible	0	\$2,150 NET
Y	ECQ3NQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 36 months, 6,000 hours, \$0 deductible	0	\$2,460 NET
Y	ECP4GQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 48 months, 2,500 hours, \$0 deductible	0	\$1,470 NET
Y	ECQ4GQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 48 months, 2,500 hours, \$0 deductible	0	\$1,680 NET
Y	ECP4ZQ1	PLATINUM COVERAGE . . . . . Prime/Continuous: 48 months, 3,500 hours, \$0 deductible	0	\$1,860 NET
Y	ECQ4ZQ1	PLATINUM PLUS COVERAGE . . . . . Prime/Continuous: 48 months, 3,500 hours, \$0 deductible	0	\$2,130 NET

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<b>EXTENDED SERVICE COVERAGE (CONT.)</b>				
<i>Extended Service Coverage (ESC) for Cat branded commercial (Cont.)</i>				
Y	ECP4MQ1	<b>PLATINUM COVERAGE</b> . . . . . 0 Prime/Continuous: 48 months, 5,000 hours, \$0 deductible		\$2,320 NET
Y	ECQ4MQ1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Prime/Continuous: 48 months, 5,000 hours, \$0 deductible		\$2,650 NET
Y	ECP4NQ1	<b>PLATINUM COVERAGE</b> . . . . . 0 Prime/Continuous: 48 months, 6,000 hours, \$0 deductible		\$2,560 NET
Y	ECQ4NQ1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Prime/Continuous: 48 months, 6,000 hours, \$0 deductible		\$3,250 NET
Y	ECP5HQ1	<b>PLATINUM COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 3,000 hours, \$0 deductible		\$1,950 NET
Y	ECQ5HQ1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 3,000 hours, \$0 deductible		\$2,230 NET
Y	ECP5LQ1	<b>PLATINUM COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 4,000 hours, \$0 deductible		\$2,350 NET
Y	ECQ5LQ1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 4,000 hours, \$0 deductible		\$2,690 NET
Y	ECP5MQ1	<b>PLATINUM COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 5,000 hours, \$0 deductible		\$2,680 NET
Y	ECQ5MQ1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 5,000 hours, \$0 deductible		\$3,060 NET
Y	ECP5NQ1	<b>PLATINUM COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 6,000 hours, \$0 deductible		\$2,950 NET
Y	ECQ5NQ1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Prime/Continuous: 60 months, 6,000 hours, \$0 deductible		\$3,380 NET
Y	ECS3CT1	<b>SILVER COVERAGE</b> . . . . . 0 Standby: 36 months, 1,500 hours, \$0 deductible		\$180 NET
Y	ECG3CT1	<b>GOLD COVERAGE</b> . . . . . 0 Standby: 36 months, 1,500 hours, \$0 deductible		\$270 NET
Y	ECP3CT1	<b>PLATINUM COVERAGE</b> . . . . . 0 Standby: 36 months, 1,500 hours, \$0 deductible		\$310 NET
Y	ECQ3CT1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Standby: 36 months, 1,500 hours, \$0 deductible		\$360 NET
Y	ECS4ET1	<b>SILVER COVERAGE</b> . . . . . 0 Standby: 48 months, 2,000 hours, \$0 deductible		\$360 NET
Y	ECG4ET1	<b>GOLD COVERAGE</b> . . . . . 0 Standby: 48 months, 2,000 hours, \$0 deductible		\$540 NET
Y	ECP4ET1	<b>PLATINUM COVERAGE</b> . . . . . 0 Standby: 48 months, 2,000 hours, \$0 deductible		\$640 NET
Y	ECQ4ET1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Standby: 48 months, 2,000 hours, \$0 deductible		\$730 NET
Y	ECS5GT1	<b>SILVER COVERAGE</b> . . . . . 0 Standby: 60 months, 2,500 hours, \$0 deductible		\$560 NET
Y	ECG5GT1	<b>GOLD COVERAGE</b> . . . . . 0 Standby: 60 months, 2,500 hours, \$0 deductible		\$840 NET
Y	ECP5GT1	<b>PLATINUM COVERAGE</b> . . . . . 0 Standby: 60 months, 2,500 hours, \$0 deductible		\$980 NET
Y	ECQ5GT1	<b>PLATINUM PLUS COVERAGE</b> . . . . . 0 Standby: 60 months, 2,500 hours, \$0 deductible		\$1,120 NET
Y	ECS0MT1	<b>SILVER COVERAGE</b> . . . . . 0 Standby: 120 months, 5,000 hours, \$0 deductible		\$1,860 NET
Y	ECG0MT1	<b>GOLD COVERAGE</b> . . . . . 0 Standby: 120 months, 5,000 hours, \$0 deductible		\$2,790 NET
Y	ECP0MT1	<b>PLATINUM COVERAGE</b> . . . . . 0 Standby: 120 months, 5,000 hours, \$0 deductible		\$3,250 NET

USE	REF NO.	MANDATORY ATTACHMENTS	Ship Weight lbs	List Price At Factory
<b>EXTENDED SERVICE COVERAGE (CONT.)</b>				
<i>Extended Service Coverage (ESC) for Cat branded commercial (Cont.)</i>				
Y	ECQ0MT1	PLATINUM PLUS COVERAGE . . . . . Standby: 120 months, 5,000 hours, \$0 deductible	0	\$3,720 NET
<b>No ESC</b>				
Y	ESCNONE	NO EXTENDED SERVICE COVERAGE . . . . .	0	NC

USE	REF NO.	<b>OPTIONAL ATTACHMENTS</b>	Ship Weight lbs	List Price At Factory
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**CERTIFICATIONS**

***IBC Seismic & Wind Certifications***

Y	IBCSCCA	CERTIFICATION OF COMPLIANCE . . . . .	0	\$273 NET
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NOTE: TECHNICAL: Provides IBC Seismic labeling and mounting groups for open and enclosed generator set with or without sub base fuel tanks.  
 REQUIRES: ULLIST, TSPCSA1 and VIB4C(isolators)

Y	IBCWBC1	IBC CERTIFICATION WIND ENC . . . . .	0	\$273 NET
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NOTE: TECHNICAL: 180mph wind load  
 REQUIRES: Enclosure WPIB, SATCBB, SATFBB, ENCAL03

**AIR INLET SYSTEM**

Y	ACLSS01	CARTRIDGE TYPE AIR FILTER(s) . . . . . Medium Duty	0	\$408
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**CHARGING SYSTEM**

Y	PBC10NU	NFPA BATT CHARGER UL10A 120VAC . . . . .	0	\$712
		REQUIRES: CPOB		
Y	B1RA	BATTERY REMOVAL . . . . .	0	\$-69

NOTE: Removes battery, but cables and rack still supplied

**CIRCUIT BREAKERS**

3-POLE 100% RATED  
 CIRCUIT BREAKERS - Reference Tables  
 Package Mounted, Single & Dual Breaker combination  
 Voltage (L-L)

Rating Voltage	100kWe (FLC)	80kWe (FLC)	Single Circuit Breaker Options				
			T1	T3	T4	T5	T6
600/347	120	96	50A-100A	125-225A	250A	400A	N/A
480/227	150	120	50A-100A	125-225A	250A	400A	N/A
240/120	301	249	50A-100A	125-225A	250A	400A	N/A
208/120	347	278	50A-100A	125-225A	250A	400A	N/A
240/1201P	458	333	50A-100A	125-225A	250A	400A	N/A



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

**3-POLE 100% RATED (Cont.)**

Single Breaker	Dual Breaker Combinations			
	1st CB	T1	T3	T4/T5/T6
T1 50A-100A	Primary + 50A-100A	Secondary 30-100A	Secondary 125-200A	Secondary N/A
T3 125-225A	125-225A	30-100A	125-200A	N/A
T4 250A	250A	30-100A	125-200A	N/A
T5 400A	400A	30-100A	125-200A	N/A
T6 600A	600A	N/A	N/A	N/A

Single Breaker	Dual Breaker Combinations			
	1st CB	T1	T3	T4/T5/T6
T1 30A-100A	Primary + 30A-100A	Secondary 30-100A	Secondary N/A	Secondary N/A
T3 125-225A	125-225A	N/A	125A	N/A
T4 250A	250A	30-100A	N/A	N/A
T5 N/A	N/A	N/A	N/A	N/A
T6 N/A	N/A	N/A	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**

NOTE: Applies to D80-8,D100-8

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

NOTE: Applies to D80-8,D100-8

Y      **CB0701B**      **70A BREAKER 100% UL** ..... 0      **\$468**

NOTE: Applies to D80-8,D100-8

Y      **CB0801B**      **80A BREAKER 100% UL** ..... 0      **\$468**

NOTE: Applies to D80-8,D100-8

Y      **CB0901B**      **90A BREAKER 100% UL** ..... 0      **\$468**

NOTE: Applies to D80-8,D100-8

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	CB1001B	100A BREAKER 100% UL . . . . .	0	\$468
		NOTE: Applies to D80-8,D100-8		
Y	CB1251B	125A BREAKER 100% UL . . . . .	0	\$600
		NOTE: Applies to D80-8,D100-8		
Y	CB1501B	150A BREAKER 100% UL . . . . .	0	\$600
		NOTE: Applies to D80-8,D100-8		
Y	CB1751B	175A BREAKER 100% UL . . . . .	0	\$600
		NOTE: Applies to D80-8,D100-8		
Y	CB2001B	200A BREAKER 100% UL . . . . .	0	\$600
		NOTE: Applies to D80-8,D100-8		
Y	CB2251B	225A BREAKER 100% UL . . . . .	0	\$897
		NOTE: Applies to D80-8,D100-8		
Y	CB2501B	250A BREAKER 100% UL . . . . .	0	\$822
		NOTE: Applies to D80-8,D100-8		
Y	CB4001A	400A BREAKER 100% UL. . . . .	0	\$1,240
		NOTE: Applies to D80-8,D100-8		
Y	CB4001B	400A BREAKER 100% UL. . . . .	0	\$1,527
		NOTE: Applies to D80-4S		
Y	CB6001B	600A BREAKER 100% UL . . . . .	0	\$2,373
		NOTE: Applies to D100-8S		

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

***DUAL BREAKERS (100% UL RATED)***

Y	NO2NDCB	NO 2ND BREAKER . . . . .	0	NC
Y	CB0302B	30A BREAKER 100% UL . . . . .	0	\$505
		NOTE: Applies to D80-8,D100-8		
Y	CB0402B	40A BREAKER 100% UL . . . . .	0	\$505
		NOTE: Applies to D80-8,D100-8		
Y	CB0502B	50A BREAKER 100% UL . . . . .	0	\$505
		NOTE: Applies to D80-8,D100-8		
Y	CB0602B	60A BREAKER 100% UL . . . . .	0	\$579
		NOTE: Applies to D80-8,D100-8		
Y	CB0702B	70A BREAKER 100% UL . . . . .	0	\$579
		NOTE: Applies to D80-8,D100-8		
Y	CB0802B	80A BREAKER 100% UL . . . . .	0	\$579
		NOTE: Applies to D80-8,D100-8		
Y	CB0902B	90A BREAKER 90% UL . . . . .	0	\$579
		NOTE: Applies to D80-8,D100-8		
Y	CB1002B	100A BREAKER 100% UL . . . . .	0	\$579
		NOTE: Applies to D80-8,D100-8		
Y	CB1252B	125A BREAKER 100% UL . . . . .	0	\$717
		NOTE: Applies to D80-8,D100-8		
Y	CBR1502	150A BREAKER 100% UL . . . . .	0	\$717
		NOTE: Applies to D80-8,D100-8		

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	CBR1752	175A BREAKER 100% UL . . . . .	0	\$717
		NOTE: Applies to D80-8,D100-8		
Y	CBR2002	200A BREAKER 100% UL . . . . .	0	\$717
		NOTE: Applies to D80-8,D100-8		
Y	CBR2252	225A BREAKER 100% UL . . . . .	0	\$897
		NOTE: Applies to D80 -6,D100 -6, D100-8		
Y	CBR2502	250A BREAKER 100% UL . . . . .	0	\$822
		NOTE: Applies to D80 -6,D100 -6, D100-8		

**2ND BREAKER BOX**

Y	2NDCBBX	2ND CIRCUIT BREAKER BOX . . . . .	0	NC
		NOTE: Applies to D80-8,D100-8,		

**SUITABLE FOR USE AS SERVICE DISCONNECT - LABEL**

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	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

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

**POWER TERMINAL STRIPS**

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

Y	PTSD23	POWER TERMINAL STRIPS . . . . .	0	\$1,428
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NOTE: Applies to D80-8,D100-8

Y	PTSD21	POWER TERMINAL STRIPS . . . . .	0	\$1,216
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NOTE: Requires Single Phase  
Applies to D80-4S,D100-8S

**CONTROL PANELS**

**Control Panels**

Y	NFPA	NFPA110 BUNDLE		
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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
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NOTE: Only available with WHH,AH1H,EBH,EOS,PBC10NU,CABH,GFCI,REM200 WHHH, GFR001.

Y	ENGOPT	OPTION HARNESS - ENGINE OPTION . . . . .	0	\$130
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NOTE: Only available with  
ML1 - Oil temperature guage  
FSS - Fuel Level Reading

Y	GFCI	GFCI AC RECEPTACLE & WIRING . . . . .	0	\$75
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REQUIRES: CPOB

Y	CCM0005	CAN2 . . . . .	0	\$42
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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	ML1	OIL TEMP GUAGE & SENDER . . . . .	0	\$77
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USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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**CONTROL PANELS (CONT.)**

*Control Panels (Cont.)*

Y	PAA1	AUDIBLE ALARM . . . . .	0	\$56
Y	GFR001	GROUND FAULT RELAY . . . . . TECHNICAL: GROUND FAULT INDICATION CANNOT BE USED WITH: POWER TERMINAL STRIPS or REM200	0	\$1,230
Y	EMCSDP1	DISCRETE I/O MODULE . . . . . Shipped loose. TECHNICAL: Provides 12 programmable spare inputs and eight programmable relay outputs for system expansion.	0	\$528
Y	EMGSTP1	REMOTE E-STOP BUTTON . . . . . 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	0	\$102

NOTE: Shipped Loose  
MAX QTY 4

**Controls**

Y	VFRCON	VOLT FREE CONTACTS GENSET RUN . . . . . & 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)	0	\$69
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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**

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	\$724
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NOTE: CAN Connection programmable Annunciator and Enclosure  
Shipped Loose  
MAX QTY 4

Y	REM200	REMOTE COMMUNICATIONS . . . . .	0	\$1,519
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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 IRM - literature no. PELJ1415-00i available via CAT parts as a retrofit kit part no. 396-4284 (installation not included).

Y	ANNR001	16-LIGHT NFPA 99/110 ANNUNCIAT . . . . .	0	\$766
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TECHNICAL: NFPA 99-110/CSA282 REMOTE ANNUNCIATOR RS-485 with MOUNTING BOX.

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.)**

*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 ANNRO10  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 ANNRO10.		\$306

**CONFIGURABLE OPTIONS**

Note:Maximum number of options will depend on models selected:  
 Maximum options may be seleted (NFPA not included) of:  
 - Five (5) with D60,D80,D100

OPTIONS:

- WCA - Low coolant Temp Alarm (Included with NFPA)
- WSS1 - Low coolant Level Shutdown (Included with NFPA)
- Low Fuel Level Shutdown
- Low Fuel Level Alarm (Included with NFPA and FCUL2)
- High Fuel Level Alarm
- 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
Y	FSS	FUEL LEVEL READING ..... 0 Low fuel level (alarm) Low fuel main tank (shutdown) High fuel level 90% (alarm) REQUIRES: Sub-Base Tank ENGOPT - Engine Options Harness		\$237
Y	PP01	OVERLOAD SHUTDOWN VIA BREAKER ..... 0 REQUIRES: AUX/SHTAUX		\$207

NOTE: Breaker trip contact activates shutdown.



USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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**COOLING SYSTEM**

Y	STGD	RADIATOR STONE GUARD . . . . .	0	\$93
		NOTE: Only available on open sets		
Y	WTF1A	RADIATOR TRANSITION FLANGE . . . . .	0	\$190
		NOTE: Powder-coated sheet steel. Only available on open sets		

**ENCLOSURES**

Includes installed silencer system as standard

Y	NOENCLO	NO ENCLOSURE . . . . .	0	NC
Y	WPIB	WEATHERPROOF ENCLOSURE . . . . .	0	\$6,242
		TECHNICAL: Industrial Silencer internal with foamed bulkhead and roof		
Y	SATCBB	SOUND ATTENUATED LEVEL 1 . . . . .	0	\$7,009
		TECHNICAL: Endbox with Critical Silencer		
Y	SATFBB	SOUND ATTENUATED LEVEL 2 . . . . .	0	\$8,055
		TECHNICAL: Foam enclosure with endbox Critical Silencer		
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	ENCAL03	ALUMINUM SOUND ATTENUATED -WHT . . . . .	0	\$11,524
		TECHNICAL: Foam enclosure with endbox Critical Silencer		
		REQUIRES: CATREN		

**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

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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**HEATING ELEMENTS (CONT.)**

Y	EOS	LUBE OIL SUMP HEATER . . . . .	0	\$213
		NOTE: Heater pad, requires 120V power source		
Y	CABH	WIRING FOR CANOPY SPACE HEATER . . . . . (15 Amp)	0	\$28
		NOTE: Space Heater NOT INCLUDED		

**EXHAUST SYSTEM**

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

Y	EXS1C	SILENCER SYSTEM 10DBA . . . . .	0	\$143
Y	EXS2C	SILENCER SYSTEM 25DBA . . . . .	0	\$597
Y	EXS3C	SILENCER SYSTEM 35DBA . . . . .	0	\$713
Y	EXM1B	OVERHEAD SILENCER MOUNTING KIT . . . . .	0	\$139

**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	FSBTC24	FUEL SUB-BASE TANK 209 Gal . . . . . Tank vol. 209 gal.	0	\$5,388
Y	FSBTD48	FUEL SUB-BASE TANK 394 Gal . . . . . Tank vol. 394 gal.	0	\$6,348

**FUEL FILL**

Y	FFLCK	LOCKING FUEL FILL . . . . .	0	NC
Y	FFOPV	5 GALLON FILL CONTAINMENT . . . . . w/Overflow Prevention	0	\$1,727
Y	FSCO5G	5 GAL SPILL CONTAINMENT . . . . .	0	\$407

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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**FUEL SYSTEM (CONT.)**

**FUEL FILL (Cont.)**

Y	FSC5GDT	5 GALL SPILL CONTAIN with Drop Tube TECHNICAL: To meet codes NFPA 30 and IFC 2012	0	\$675
Y	DT48HRB	5 GALLON FILL CONTAINMENT w/Overflow Preventin & CT 48hr Tank	0	\$1,727

**VENT PIPE (Select One)**

Y	FVP12FT	STANDARD VENT PIPE TECHNICAL: Extension to 12ft above grade (Shipped Loose)	0	\$353
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**EMERGENCY VENT PIPE (Select One)**

Y	FFULEV3	EMERGENCY VENT UL-3"	0	NC
Y	FFULEV4	EMERGENCY VENT UL-4"	0	NC
Y	FFEXV3	3" EMERGENCY VENT PIPE EXT TECHNICAL: Extension to 12ft above grade (Shipped Loose) FFULEV3	0	\$626
Y	FFEXV4	4" EMERGENCY VENT PIPE EXT TECHNICAL: Extension to 12ft above grade (Shipped Loose) REQUIRES: FFULEV4	0	\$1,048

**TANK RISER**

Y	FTRISE	TANK RISER Tank bottom raised 2.5" REQUIRES: Sub-Base Tank	0	\$620
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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 CANNOT BE USED WITH: AREP Excitation on VOP601 (480V), VOP606 (208V) Voltages. D100 ALT. Oversize OGNSEAD	0	\$964

**MOUNTING SYSTEM**

Y	STDVIB	VIBRATION ISOLATORS	0	NC
Y	VIB4C	SEISMIC VIBRATION ISOLATORS	0	\$141

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	List Price At Factory
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**SPECIAL PACKING/INSPECTIONS FOR SHIPMENT**

Y	SWP0021	SHRINK WRAP PROTECTION . . . . .	0	\$102 NET
		NOTE: For use with open and enclosed package sets		

**TESTS**

Y	TRSGEN1	GENERATOR TEST REPORT . . . . .	0	\$324 NET
Y	TRSGEN2	PGS TEST REPORT @ 1.0 PF . . . . . 1.0PF	0	\$324 NET
		NOTE: Printed test report		
Y	TRSGEN7	PGS TEST REPORT @ 0.8 PF . . . . . 0.8PF	0	\$324 NET
		NOTE: Printed test report / 3 phase only		
Y	STDTEST	PKG GEN SET @ 0.8 PF . . . . .	0	NC
Y	TST0035	TEST - PKG GEN SET 1.0 PF . . . . . CANNOT BE USED WITH: STDTEST	0	NC
Y	4HRTL5B	4 HOUR TEST (FACTORY) . . . . . 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 REQUIRES: ML1	0	\$2,127 NET
		NOTE: This option impacts RTS dates		