

8/21/2024

Attn:

Quote: 31377143

Re: Tiger Hill

Model: C7.1 PGAM

Quantity: 1

Rating: 150 kW

Frequency: 60 Hz

Voltage: 240 V



**The following features will be included:**

Feature Description
EPA STATIONARY EMERGENCY
60HZ 3PH 240/120V VOP606
STANDBY POWER
60 Hz, 150 kW
ENGLISH PANEL LANGUAGE
UL 2200 LISTED PACKAGE GEN SET
ENGLISH INSTRUCTION LANGUAGE
GENERAL EPG
PUBLIC OR CIVIL SERVICES
STANDBY POWER
AUTHORIZED APPROVAL NUMBER
ALT SPACE HEATER
105C TEMP RISE OVER 40C AMB
LC5014D 60Hz SE ALT Z9
PERMANENT MAGNET EXCITATION
SKID WITH FUEL TANK
SUB BASE TANK 784 GAL 48HR
FUEL TANK FILL PIPE & LOCK CAP
Fuel Level Alarms / SD

## Warren Equipment

Warren CAT - Power Systems Midland  
10,000 W. I20

Midland TX 79706

432-571-4263



EMERGENCY FUEL VENT PIPE UL-5"

L2 SOUND ATTENUATED ENC (c)

CAT WHITE

STANDARD PANEL DOOR WITH ENC

WIRING FOR CANOPY SPACE HEATER

NFPA BUNDLE

GROUND FAULT RELAY INDICATION

WET BATTERY (B1W)

NFPA BATT CHARGER UL10A 120VAC

JACKET WATER HEATER

EXTERNAL EMERGENCY STOP

LOW COOLANT LEVEL SHUTDOWN 1

OVERLOAD ALARM SWITCH PPo1\_I

LOW COOLANT TEMP ALARM

CONTROL PANEL OPTIONS BOX

PANEL MOUNTED AUDIBLE ALARM

ENGINE OPTION HARNESS

GFCI AC RECEPTACLE & WIRING

SINGLE CIRCUIT BREAKER

400A 100% RATED BREAKER

SUSE DECALS AND FILMS

AUXILIARY CONTACTS

SUSE FOR 1ST CB 125A TO 400A

STD AIR CLEANER - LIGHT DUTY

STANDARD RADIATOR

ENCLOSURE SILENCER

ANNUNCIATOR BOX

QTY REMOTE ANNUNC

REMOTE E-STOP BUTTON

PRODUCT LINK 4G LTE TELEMATICS

AMERICAS BAND

ACCEPT - REVIEW LINK IN DESC

REMOTE ANNUNCIATOR (GCCP)

STD TEST - PKG GEN SET 0.8 PF

### **Generator Set Emissions Certification:**

U.S. EPA Certified for stationary emergency applications.

### **Application Indicator:**

Output available with varying load for duration of the interruption of the normal source power. Average power output is 70 % if the standby power rating. Typical operation is 200 hours per year, with the maximum expected usage of 500 hours per year.

### **UL 2200 Listing Certification:**

Package will meet UL 2200 Listing. Suitable for stationary generator set assemblies of 600V and less.

### **Alternator Space Heater:**

Alternator space heaters maintain the air temperature at a suitable temperature to minimize condensation on the windings. Recommended for coastal installations or environments with high humidity.

### **Alternator Temperature Rise:**

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Alternator sized for 105°C temperature rise over 40°C ambient

#### **Alternator:**

LC5014D, self excited, 12 lead, random wound

#### **Permanent Magnet Upgrade:**

A permanent magnet generator (PMG) can improve response in load applications and provides 300% sustained current for the operation of protective devices.

#### **Integral Tank:**

Generator set base frame for installation on sub base fuel tank.

#### **Sub Base Tanks:**

The sub base fuel tank mounts below the generator set base. UL Listed for United States (UL 142) and Canada (CAN/ULC S601).

Total capacity: 784 gal (2968 L)

#### **Enclosure:**

Steel construction, premium sound attenuated enclosure. The enclosure includes interior mounted exhaust system for quick installation, vertically hinged doors with 180° opening rotation for improved service access.

Sound levels:

- 74dBA at 7 meters (Model D150-10)

#### **Batteries:**

Standard generator set batteries, installed on the generator set package.

#### **Battery Charger:**

The battery charger is a 110 VAC input, 10 amp output. It includes AC fail, charger fail, low battery voltage, and high battery voltage alarms for NFPA 99/110 requirements with a DC ammeter and voltmeter for visual indication of battery charge status. Battery charger comes factory installed and wired on the generator set package.

#### **Jacket Water Heater:**

The jacket water heater maintains engine block temperature in cold climates to improve engine start times. The jacket water heater requires external power for operation.

#### **External Emergency Stop:**

The external emergency stop push button is installed exterior to the enclosure, providing a method to shut down the generator set externally in the event of an emergency.

#### **Circuit Breaker Selection:**

Generator set is configured for a single circuit breaker.

#### **First Circuit Breaker:**

400A, 100% rated, manually operated circuit breaker with LSI trip unit.

#### **Second Circuit Breaker:**

No second circuit breaker required for this product.

#### **Radiator:**

This provides a standard radiator for the generator set.

#### **Annunciator Box:**

UL listed galvanized type 1 box for mounting of remote annunciator (shipped loose)

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### **Remote Annunciator:**

16 light remote annunciator with audible horn and horn silence push button. Provides remote indication of generator set condition. Shipped loose, requires site installation and connection. Controller only; does not include mounting box.

### **Remote E-Stop Pushbutton:**

The remote emergency stop provides red emergency stop pushbutton with two normally closed contacts in a dedicated enclosure for remote shutdown of the generator set package in the event of an emergency. Shipped loose, requires site installation and connection.

### **Telematics:**

The Cat® Product Link™ PL444 is designed as a reliable telematics solution. The device comes pre-configured with a standard set of parameters including hours fuel usage, and productivity which report each day and enables immediate alerting of fault codes. Utilizes 3G/4G LTE cellular networks. Contact your local Cat dealer for local radio compliance certifications.

## **ATS INFORMATION**

Furnished with:

CSAD040CB1S1TCXXXX

Automatic Transfer Switch

400 A, Delayed Transition, 2 Pole

220-240V 1 Ph System Voltage

Solid Neutral Bar

Nema 1 Enclosure

Mechanical lugs

(3) #8-1/0 AWG Ground Bar

T1/TC embedded metering (ZTS/level 4)

No Communications

Sources On Bottom

UL 1008 listed up To 480VAC at 50/60Hz

Seismic certified To IEEE-693-2005 at HIGH level With 2.5 amplification factor

Seismic certified To IBC-2015 at Ip=1.5 For z/h less than Or equal To 1

Additional features:

Microprocessor activated Maintained test switch

Programmable exerciser daily, 7-14-28-365 days user- selectable, with or without load

Event log of last 250 events

LED for Source 1 & Source -2 - Position indication

LED for Source 1 and Source 2 - Source availability indication

Engine start timer -adjustable up to 60sec

Phase rotation sensing of Source 1 & Source 2

Under/Over voltage sensing 3-phase Source 1 & Source 2

Adjustable over/under frequency sensor-Source 2-and Source 1

Frequency Indication - on the controller

In Phase Monitor between Source 1 and Source 2 to allow transfer-with enable/disable

Microprocessor activated Commit/no commit on transferring to Source 2-with enable/disable

Adjustable time delay on transfer to Source 2

Adjustable time delay on retransfer to Source 1

Engine stop/cool adjustable cool down timer

Voltage imbalance between phases-applies to 3-phase only

Bypass transfer timer function-soft switch in controller

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**Package C-Controls**

2 NO and 2 NC S1 position aux contacts

2 NO and 2 NC S2 position aux contacts

6 digital inputs, preprogrammed: remote test on load/peak shave input, remote inhibit transfer to non-priority input, remote manual retransfer input, load shed ATS input, remote inhibit ATS input, remote bypass time delays input

4 digital outputs, preprogrammed: S1 available output, S2 available output, elevator pre-transfer output, motor pre-transfer output

1 digital output, reserved: if 'Transfer Alarm' option not included these are free for user

**Sourcewell Quote**

Sourcewell Contract #092222-CAT

From focus program letter OIL2019 (See Discounts Below)

Last Update 4/12/2023

**Total Quote \$ 48,710**

Cat Generator	C7.1 PGAM
Generator List Price	\$ 47,389
SW Member Discount %	26%
SW Member Discount \$	\$ 12,321
<b>Sub-Total</b>	<b>\$ 35,068</b>
Net Priced items*	\$ -
<b>Sub-Total</b>	<b>\$ 35,068</b>

*CAT ATS	
List Price	\$ 7,886
SW Member Discount (20%)	\$ 1,577
<b>Total</b>	<b>\$ 6,309</b>

*\*Net Priced Items are subject to no further discounts (see Price Lists).*

Services / Source Goods	List Price
Start Up	\$ 4,211
Shipping	\$ 3,509
<b>Sub Total</b>	<b>\$ 7,719</b>
SW Member Discount	5%
SW Member Discount	\$ 386
<b>Services Total</b>	<b>\$ 7,333</b>

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### Quote exceptions

**Quote Includes:** Standard Cat specified start up and testing of the unit once installed (any additional testing required by the customer will be an additional cost)

### DOES NOT INCLUDE INSTALLATION, ANCHORING, WIRING, FUEL, OFFLOADING, OR ANY APPLICABLE TAXES

**Exceptions:** We take general exception to the spec and are offering a value engineered interpretation. Our equipment proposal is described in its entirety above and includes no material or services that are not specifically stated.

### **Availability & Lead Times:**

Please allow approximately 2-3 weeks for submittal drawings. Lead-time will be 26-30 weeks from when submittal is approved. ATS lead-time will be 4-8 weeks from when submittal is approved.

Thank you for the opportunity to quote. We look forward to your valued business.

Sincerely,

Caleb Smith  
EPG Industrial Sales Rep  
Power Systems  
918-232-4073  
Caleb.Smith@warrencat.com

### **Terms & Conditions:**



#### **TERMS AND CONDITIONS**

**1. AGREEMENT.** Warren Power & Machinery, Inc. doing business as Warren Cat ("Seller") offers to sell the products and materials (the "Goods") indicated on the face of this Sales Agreement, Sales Order or Sales Quotation (the "Order") to the purchaser or buyer ("Buyer") indicated on the Order in accordance with these Terms and Conditions. Submittal of a purchase order for the Goods by Buyer, execution of the Order by Buyer, or any other express acknowledgement of the

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Order by Buyer constitutes acceptance of this offer, which offer and acceptance constitute a legally enforceable agreement ("Agreement") between Seller and Buyer. Any additional or different term or condition on Buyer's purchase order or acknowledgement form, or otherwise communicated in writing or orally by Buyer in accepting this offer, is deemed to be a material alteration of this offer and is objected to and rejected by Seller.

**2. PRICE.** The prices contained in this offer are firm for thirty (30) days from the date of this offer. The prices are exclusive of all sales, use, excise and other similar taxes.

**3. TERMS OF PAYMENT.** Unless otherwise stated on the face of the Order, Buyer shall pay Seller for the Goods and all applicable taxes within thirty (30) days from the date of Seller's invoice. Any unpaid amount bears interest at a rate equal to the lesser of (a) 18% per annum, or (b) the maximum rate permitted by applicable law.

**4. DELIVERY.** Delivery of the Goods is Ex Works (Incoterms 2010) Seller's facility indicated on the face of the Order. Any delivery date on the face of the Order is approximate, and Seller has no liability for failure to deliver the Goods by the delivery date.

**5. DISCLAIMER OF WARRANTIES.** EXCEPT FOR THE WARRANTY OF TITLE, SELLER MAKES NO WARRANTIES OF WHATSOEVER NATURE, EXPRESS OR IMPLIED, CONCERNING THE GOODS, IT BEING THE INTENTION OF SELLER AND BUYER TO NEGATE EXPRESSLY AND TO EXCLUDE ALL WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTIES CREATED BY ANY AFFIRMATION OF FACT OR PROMISE OR BY ANY DESCRIPTION OF THE GOODS AND ANY OTHER WARRANTIES WHATSOEVER CONTAINED IN OR CREATED BY THE UNIFORM COMMERCIAL CODE OR SIMILAR LAW AS ADOPTED IN THE STATE OF TEXAS OR ANY OTHER JURISDICTION. BUYER WAIVES ANY CLAIM IT HAS AGAINST SELLER FOR ANY LOSS, DAMAGE OR EXPENSE CAUSED BY THE GOODS OR BY ANY DEFECT IN THE GOODS, USE OR MAINTENANCE OF THE GOODS OR SERVICING OR ADJUSTMENT TO THE GOODS, AND PURCHASES THE GOODS AS-IS. Seller will provide commercially reasonable assistance to Buyer in enforcing any manufacturer's warranty.

**6. FORCE MAJEURE.** Seller may suspend performance under this Agreement during the occurrence of a delay arising from causes or events beyond Seller's reasonable control, including acts of God, fire, war, strike, loss or shortage of transportation, lockout or commandeering of raw materials or products or plants or facilities by a governmental authority.

**7. PATENT INDEMNITY.** Seller shall, at its own expense, defend any suit or cause of action against Buyer for alleged infringement of patent rights arising from the sale or use of the Goods and indemnify and hold Buyer harmless from any damages, liabilities, claims, losses and expenses (including reasonable attorneys' fees) paid or incurred by Buyer in connection with the suit or cause of action.

**8. CANCELLATION.** If Buyer desires to cancel or change any portion of the Order, Buyer may request same in writing to Seller. Seller may, in its sole discretion, accept or reject any request and may charge Buyer a reasonable fee and any costs Seller incurs related to the change or cancellation as a condition to accepting any cancellation or change.

**9. GOVERNING LAW, JURISDICTION AND VENUE.** This agreement is governed by and construed in accordance with the laws of the state of Texas applicable to agreements made and to be performed entirely within that state. This agreement is performable in Midland County, Texas, and buyer waives the right to be sued elsewhere. Without excluding any other jurisdiction, buyer agrees that the state and federal courts of Texas located in Midland, Texas have jurisdiction over any proceedings in connection with this agreement and submits with respect to itself and its property to the jurisdiction of any like court for the purpose of any suit, action, proceeding or judgment relating to or arising out of this agreement.

**10. LIMITATION OF LIABILITY.** NOTWITHSTANDING ANY PROVISION OF THIS AGREEMENT TO THE CONTRARY, NEITHER PARTY (NOR THE OFFICERS, DIRECTORS, EMPLOYEES OR AGENTS OF EITHER PARTY) IS LIABLE HEREUNDER TO THE OTHER IN ANY ACTION OR CLAIM FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT, EXEMPLARY, PUNITIVE OR SPECIAL DAMAGES, WHETHER THE ACTION IN WHICH RECOVERY OF THE DAMAGES IS SOUGHT IS BASED ON CONTRACT, TORT (INCLUDING SOLE, CONCURRENT OR COMPARATIVE NEGLIGENCE), GROSS NEGLIGENCE, INTENTIONAL OR WRONGFUL ACTS OR STRICT LIABILITY. EXCEPT TO THE EXTENT PROHIBITED BY LAW, ANY STATUTORY REMEDIES INCONSISTENT WITH THESE TERMS ARE WAIVED BY THE PARTIES.

**11. INDEMNITY.** BUYER SHALL PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SELLER AND ITS AGENTS, AFFILIATES, EMPLOYEES AND ASSIGNS ("SELLER GROUP") AGAINST ANY AND ALL CLAIMS,

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**12. DESTINATION CONTROL STATEMENT.** If exported, these commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited. This includes the use of these goods in the support of exploration or production for deep water, Arctic offshore, or shale oil projects that have the potential to produce oil in the Russian Federation or in maritime area claimed by the Russian Federation and extending from its territory.

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