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Cage 1U5V7 - TIN/EIN #943026355 - Duns #054590203 - GSA GS-07F-5964R
A small business owned by a service connected disabled veteran.
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400 kW, (360 kW Prime Power), NG/LP Oil Field Generator for Oil Field Power & Flare Gas Recovery
(shown with optional external disconnect)

GeneratorJoe, AmeriFlare Prime Power Oil Field Services™ Series, 250 kW (313 kVA) 60 Hz, or 208.3 kW (260.8 kVA) 50 Hz. SKU **GJPP-240T308**, Model 240 PP3, Sound Enclosed, Oil Services Equipped **Engine**: PSI 14.6L TCAC, three phase, NG/LP fueled, liquid cooled, 1800 RPM, electric start, auto start, **EPA Certified Prime Mobile, UL Listed**. (Shown with optional disconnect).

Engine driven generator set.

Natural Gas - **Rated: 235 KW Prime*** at 277/480 Volts, Three Phase, 60 Hz.

Fuel Type: Natural Gas & LP with Auto Fuel Change-over

New Design, not a conversion or modification.

Purpose built for oil field power uses and flare gas recovery operations.

* **Note**: Rating subject to change; based upon gas analysis.

Built for AmeriFlare Inc. by GeneratorJoe Inc. - www.generatorjoe.net - (707 542-2224 -sales@generatorjoe.net

Oil Field Power & Flare Gas Recovery System Generator, Unit Features

▶ **NG INDUSTRIAL ENGINE: EPA Certified Prime Mobile**

- Engine Model: 11.1L, 4-Cycle Inline 6
- Donaldson Air Filter Kit
- 50 C° Ambient Radiator
- Electronic Isochronous Governor
- Automatic dual fuel change-over

▶ **STAMFORD ALTERNATOR:**

- Model – UCDI274J311
- Brushless rotating field generator with class H insulation
- Tropical coating
- PMG exciter for heavy duty motor starting capability
- Generator to generator paralleling C/T system
- 400 Amp frame main line circuit breaker with adjustable trip
- Electric motor operator with 24V shunt trip & auxiliary contacts, rated 100%
- Interior Cam-Loc power connections

▶ **DGC 2020: with Generator Protection & Auto Synchronizer**

The DGC-2020 digital generator set controller provides integrated engine-genset control, protection and metering in a single package. Microprocessor based technology allows for exact measurement, setpoint adjustment, and timing functions. Front panel controls and indicators enable quick and simple DGC-2020 operation. A wide temperature-range liquid crystal display (LCD) with backlighting can be viewed under a wide range of ambient light and temperature conditions.

▶ **DGC 2020 Load Share Module & Ethernet Communication**

▶ **Industrial Grade Ethernet Hub/Switch**

▶ **DGC 2020 Features**

- Extremely rugged, fully encapsulated design with integrated panel heater
- Wide ambient temperature range
- LCD heater allows for use of DGC-2020 in temp. down to -40°C
- Generator sensors & metering, amps, voltage, frequency, mode & mode status, etc.
- Engine metering, speed, over/under speed, oil pressure/temp, water temp, run hours battery siren, voltage over/under, start fail, status, alarm/log history & more.
- Genset controls, manual, auto, parallel or singular run, remote start, EStop, etc.
- Multilingual control panel capability
- IP 54 front panel rating with integrated gasket
- Manual override by-pass key switch that allows starting the generator manually in the event of control systems failure.
- Generator protection, pre-alarms, alarms & alerts
- SAE J1939 engine ECU communications
- Remote RS-485 communications system & optional RDP-110 remote Annunciator
- NFPA 110 Level Compatible
- 16 programmable contact inputs
- 7 contact outputs: (3) 30 Adc contacts, (4) programmable 2A dc rated contacts
- Battery backup for real time clock
- UL recognized, CSA certified, CE approved
- HALT (Highly Accelerated Life Tests) tested

- ▶ **Lube, Oil, & Antifreeze Filled at factory**
- ▶ **Oil & Coolant Drain Extension into skid rails with ball valve, self-close connections**
- ▶ **Water Jacket & Oil Pan Heater**
- ▶ **Battery Blanket Heater with Thermostat, (2)**
- ▶ **Flexible Fuel Lines**
- ▶ **Battery (Heavy Duty Lead Acid), Battery Rack, Hold Downs & Cables (2)**
- ▶ **Battery Disconnect Switch**
- ▶ **Battery Charger - Heavy Duty Float Type**
- ▶ **Heavy Duty Steel Skid with "Save All", (110% containment basin & drain plugs)**
 - Schedule 40 pipe skid ends with tear drop lifting/dragging plates, forklift pockets
 - Solid 7 gauge seal-welded steel floor
 - 1" NPT oil & coolant drains with stainless steel locking handle ball valves, (2)
 - High & low pressure fuel inlets with ball valves, 2 sets with one set on each end.
- ▶ **Heavy Duty Integral Vibration Isolators**
- ▶ **Stainless Flex Exhaust Connector Connected to Mounted Catalytic Converters**
- ▶ **Duplex 20 Amp 120 VAC GFI Receptacles Mounted & Wired with Breakers (2)**
- ▶ **Sound Attenuated Weather Proof Enclosure**
 - Heavy Duty 12 gauge Galvanneal steel
 - 2" Thick Roxul thermal insulation
 - Galvanneal perforated interior liner
 - Stainless steel hinges & hardware
 - Drip edge above doors & openings
 - Caulked seams
 - Drip edge around exhaust opening (rain shield), 45 degree beveled output
 - Bird screen on exhaust pipes
 - Powder coat finish, AmeriFlare Blue Chip" color, (see pictures)
 - Air discharge scoop access door
 - Scrubber compartment door
 - Lockable, hinged doors
 - Stainless steel door hold back on every door
 - Control panel window in rear door
 - Door locks on all doors, padlockable

Accessories

- ▶ **Integrated Fuel Filter Separator (scrubber), in isolation compartment**
 - High volume field gas scrubber with pressure regulator, filter, heater & automatic clean with drain.
 - Vertical gas fuel filter 24" element
 - Volume tank, regulator, hose valves & fittings
 - Fuel scrubber RV outlet piped upward
- ▶ **Sight Glass Oil Level Regulator with 3 Gallon Oil Reserve Tank**

- ▶ **Units will be Winterized (Heat Treated)**
 - Crankcase breather, oil day tank & make up system with heat trace wiring
- ▶ **External Bypass Auxiliary Oil Filter System Mounted with Oil Sample Port**
 - Luberfiner System, 3 gallon capacity
- ▶ **Parallel Customer Connection Available**
- ▶ **Controller Alarm Horn Off Toggle Switch**
- ▶ **LED Interior Lighting Kit** (inside enclosure)
 - Operates off genset batteries with timer switch
 - Light switch mounted inside rear doors of unit (2)
- ▶ **Owner's Manual CD**
- ▶ **Factory Load Bank Test** – (4 Hour 110% full load test with report)
- ▶ **1 Year, 3000 Hour Prime Limited Warranty**
 - AmeriFlare's "AmeriTrak", registered & synched



250 kW, (235 kW Prime Power), NG/LP Oil Field Generator for Oil Field Power & Flare Gas Recovery
(shown without oil field skid)

Custom generators available, built to your specifications.