



TRADEWINDS®

POWER CORP

5820 NW 84th Avenue • Miami Florida 33166
Tel 305 592 9745 • FAX 305 592 7461

Filters
Pump Sets
Power Units
Generator Sets
Automatic Engine Controls

TO: The Village of Wellington
12300 Forest Hill Boulevard
Wellington, Fl. 33414
Attn: Ms. Shannon LaRocque, PE
561-791-4008
slarocque@wellingtonfl.gov

Quotation # TPJC25889
October 21 2019

Lift Station 85 100KW

We are pleased to offer this Quotation as detailed below

Amount	Description	Each	Extended
1	Model TP125 Base Awarded Tradewinds Generator Set under FSA contract No. FSA19-VEH17.0, Specification # 105	46,268	46,268
	Downgrade to Model TP100-UL-FS Tradewinds 100KW Generator Set	-6,570	-6,570
	100 KW (125 KVA) Standby, 90 KW (112 KVA) Prime Power (UL2200 Listed) 277/480 Volts [reconnect able], 60 Hz, Three Phase, 0.8 Power Factor Amp Load Capacity: 150; Load Bank tested. Perkins Diesel engine, Model 1104D-E44TAG2 TIER 3 @ 1800 RPM complete with 12 Volt Electrics, Radiator & Guard Marathon Brushless Single Bearing Alternator 362-1606 Automatic Voltage Regulator & Vibration Isolation Mounts PMG and DVR voltage regulator included. Tradewinds Deluxe Digital Instrument/Control Panel with Safety Shutdowns Complete with DC Voltmeter, Hour meter, Oil and Temperature Gauges Frequency Meter, Ammeter & Voltmeter with Phase Selector Switch, Engine Cool Down Timer, Remote "E" Stop Contacts, Remote Auto Start Control, Low Fuel Level Alarm, J - 1939 Code readout, NFPA 110 Compliant, On/off Switch, 3 D.C. Breakers, 1 A.C. Breaker, and Emergency Push Button. Equipment included in above pricing: Alternator Space heater 250watt 120v Battery Rack and Cables Battery Charger installed and wired to duplex electrical box that is wired to incoming service feed with fuses. Critical Silencer mounted in front of package with vertical discharge Discharge with Steel Exhaust and Flex Exhaust Connection Initial fill of oil and antifreeze Water and Oil drain lines with brass ball valves located inside enclosure. Heavy Duty Canister Type Air Cleaner Jacket Water Heater, Thermostatically controlled installed and wired to Duplex electrical box that is wired to incoming service feed with fuses. 75 gal, Double Wall, UL Approved Subbase Fuel Tank With Leak Detection Mechanical fuel level gauge, low fuel level alarm and sender, internal fuel fill, two part epoxy coating, and all other necessary fittings. Enclosure constructed from a continuous roof, .090 aluminum, White powder coat paint, stainless steel hardware, and keyed alike doors. Doors swing out with hinges. 150amp, Circuit Breaker main Disconnect 80% rated UL listed Full Load Factory test One (1) complete operation and maintenance manual Two (2) year, Standby Warranty		
	T-500tank-FS Upgrade generator package to Replace 200 gallon UL142 Sub base fuel tank to a 500 gallon UL142 tank with FDEP package	5,860	5,860
	TSCD-01-FS Cost adder for Scada Interphase Box With Dry Contacts	1,250	1,250
	5yr-FS Cost adder for 5yr or 2500hr extended warranty. Price is 5% of total Includes engine, alternator, control panel, harnesses, enclosure. Fuel tank has 2 year warranty	2,340	2,340
	Sub Total, FOB our warehouse, Miami, Florida Onsite Start-up and building load test Delivery to Job Site, Fl. Curbside	Inc. Inc. Inc.	49,148 Inc. Inc.
	Total		49,148
	State & Local Tax as Applicable Estimated Shipping date from receipt of order: 18 weeks 45 days; 15% Cancellation Charge for Restocking.		

John Carey

Power When You Need It!

100kW UL2000

Generator Set Ratings * @ 1800 RPM

VAC	Ph	Hz	Standby		Prime		PF	Amp
			kW	kVA	kW	kVA		
120/240	1	60	100	100	90	90	1	416.67
120/208Y	3	60	100	125	90	112.5	0.8	346.98
120/240D	3	60	100	125	90	112.5	0.8	300.71
277/480Y	3	60	100	125	90	112.5	0.8	150.26

*Stand by ratings are applicable for the duration of any power outage. No overload is available at these ratings. Prime ratings are continuous per BS 5514, DIN 6271, ISO3046 & IEC 34-1. Overload capacity on prime ratings is 10% for one hour in each twelve hours of operation. All single phase ratings are based on a 1.0 power factor, three (3) phase ratings based on a 0.8 power factor. Ratings are established based on 85°F (29°C) and an elevation of 1,000 feet (305 meters). Please consult your Tradewinds' representative for information concerning derates for temperature, altitude & humidity. 50Hz @ 1500 RPM ratings are available.

Generator Set Features

TP100 Tradewinds' generator set, powered by Perkins diesel engine, four stroke, water cooled. Radiator sized for 120°F ambient clearance. 12VDC Electric start and engine battery charging alternator, battery cables and grounding strap. Dry type air cleaner. AC Alternator, Synchronous, single bearing, direct coupled Alternator NEMA class "H" insulation, 150°F temperature rise, 40°C ambient, 12 or 4 leads, 0.8 or 1.0 power factor lagging, externally voltage regulated. Built in vibration isolators, corner lifting eyes Full Load Factory Test with Safety Shutdowns for High water Temperature and Low Oil Pressure.

**One Complete Operation and Maintenance Manual
1500 hours Warranty**

Optional Equipment available

- Analog and Digital Control panel
- Permanent Magnet Generators (PMG) with Voltage Regulator upgrade PM300 or DVR2000
- Oversized Generator Ends for Motor Starting application
- Space Heater 240/120 V
- Generator Drip Covers
- Special Insulation for Alternator
- Main Line Generator Circuit Breakers
- Shunt Trip for Circuit Breakers
- Industrial Grade Exhaust Silencer
- Critical Grade Exhaust Silencer & SS flex connectors
- **Weather Enclosure**, Marine grade Aluminum 0.125 White Powder Coat paint finish on both sides. Sound Insulation, resistant to high temperatures, fuel and oil. All Stainless Steel Hardware, removable Doors, for easy maintenance, hinged and keyed alike Residential Grade Exhaust kit, inside mounted Oil and coolant drain lines. Air intake and discharge ducts.
- **Sound attenuation** up grade
- Steel sub base
- Steel sub base tanks Single Wall or UL142 listed
- Water Separator Fuel Filter
- Thermostatically controlled Jacket Water Heaters
- Starting Batteries
- Automatic Battery Chargers 5-10 amps
- 17 Light Remote Annunciator Panel
- Custom Color option



Sample Units

TP100 T3 414

Engine Specifications

Model: Perkins 1104D.E44TAG2 T3

Cylinder: 4 Vertical in Line
Maximum Power: 156.8 bhp / 117 kWm @ 1800 RPM
Governor type : Electronic
Combustion : Direct injection
Induction system: Turbocharged Air to Air chargecooled
Cubic Capacity : 269 in³ / 4.4 L
Bore & Stroke: 4.13" x 5" (105 mm x 127 mm)
Starter Motor: 3 kW , 12V
Alternator: 65 amps, 12V
Glow Plugs

Fluids:

Oil capacity : 8.45 quarts (8 litres)
Coolant capacity: 4.49 Gallons (17 litres)

General:

Oil Filter : Spin-on type
Fuel Filter: Split element
Air Filter : Dry element type
Battery size: 570 CCA recommended

Fuel specification: EPA2D 89.330-96

Fuel consumption: US gal. (Liters) /hr @ 1800 RPM

50% load - 4.24 (16.07)
75% load - 5.82 (22.04)
100% load - 7.33 (27.77)
110% load - 7.91 (29.96)



Alternator Specifications

Marathon Electric :

Type: Brushless, Self Excited
Pole: 4P Rotating Field
Voltage Regulator: SE350
Voltage regulation: + / - 1%, Volts/ Herz
Electronic, EMI filtered
Class Insulation: 'H' to NEMA MG1-22.40
Temperature Rise: 150C° / 40 C° Ambient
Coupling: SAE Adapter, Flexible Disc, Direct
Load acceptance: One Step, 100% per NFPA 110

Features:

Self ventilated drip-proof construction.
Superior voltage balance and waveform achieved by unirotor construction and minimized harmonic distortion by a 2/3 pitch winding.
Vacuum-impregnated windings with fungus-resistant epoxy for dependability and long-life.
Meets NEMA MG1-32, BS5000 , IEC 34-1 standards for temperature rise.
Sustained short-circuit capability enabling down-line circuit breakers to trip without collapsing the generator field.
UL, CE, CSA Certified



Specifications are subject to change without notice

Control Panel Specifications

MRS4 Integrated Controller for single unit, manual and remote application, IP65 insulation. Generator measurements at 50 or 60Hz

User-friendly LCD graphic display via push buttons and LEDs

Features

- Automatic or Manual start
- Parameters adjustable via keyboard or PC
- Metering: Oil pressure, Coolant Temperature, Hourmeter
Battery Voltage, RPM's, Amperes, Frequency
AC Voltage, Total power output

- Warm up and cooling functions

- 2 available languages
- CAN J1939 Capability for engines with ECU

Optional:

RS232 and RS485
USB and ETH



DGC2020

Microprocessor Based, Navigation key with large LCD display
Event Recording; Transfer Switch Control (main failures)
SAE J1939 CANBUS Communication; Multilingual Capability
Suitable for Rental application; Remote Communication capability (optional)

Operational features

- Alternator Protection: under/over voltage and frequency.
- Engine Protection: Low oil pressure, High coolant temperature, Over speed & overcrank, Sender Unit failure, Fuel Leak / Fuel sender Failure, Battery Charger Failure
- All protections are programmable as Alarms or Pre-alarms
- Metering (ample range): Volts, Current, Hz, Watts, VA, Pf, Oil Pressure, Coolant Temperature, RPM, DC Volts, Fuel Level, Engine running time.
- Engine Control with Timers
- External remote start input (on or off load)
- 16 programmable contact inputs.
- 7 Contact outputs



Dimension and Weight

Open Style Unit inches : 107" L x 47" W x 57" H
Overall Dry Weight, lb. (kg): 3340 (1514), no fuel tank

Enclosed Style Unit inches 131 " L x 47" W x 57" H
Overall Dry Weight, lb. (kg): 3740 (1696) without Tank

Note: The above dimensions and weights would change if a sub-base fuel tank was added.

An electrical Stub area is positioned at the rear of the sub-base fuel tanks. Spacing from rear access cover to the tank is approximately 9 inches (228.6 mm). Dimension applies for both UL and Non UL tanks.

Authorized Dealer:



TRADEWINDS®

POWER CORP

5820 NW 84th Avenue • Miami Florida 33166
Tel 305 592 9745 • FAX 305 592 7461

*Filters
Pump Sets
Power Units
Generator Sets
Automatic Engine Controls*

Tradewinds Power Corp

Bid No. FSA19-VEH17.0

Specification No. #105

125KW GENERATOR PACKAGE



FSA Cooperative Purchasing Program



Contract: FSA19-VEH17.0
Heavy Trucks and Equipment

Contract: FSA19-VEL27.0
Pursuit, Administrative and Other Vehicles

Contract Terms and Conditions

BID AWARD

CONTRACT FSA19-VEH17.0

Heavy Trucks and Equipment

Contract Term:

October 1, 2019– September 30, 2020

Cooperative Purchasing Program

Coordinated By

**The
Florida Sheriffs Association
&
Florida Association of Counties**



Bid Award

Term: October 1, 2019 - September 3, 2020

Contract: FSA19-VEH17.0 , Heavy Trucks and Equipment

Group: GENERATOR: 125kW Generator Package

Item: 105, Tradewinds, TP125, TP125

Description: GENERATOR REQUIREMENTS: Standby duty rated at 125.0 kW, 156.3 KVA, 8 power factor; 480 volts; 3 phase, 60 hertz, 1800 rpm; Directly connected to the engine flywheel housing with flex coupling; Generator shall meet performance class G3 of IEC; Unit shall be in compliance with and be UL 2200 labeled. ENGINE: Water cooled diesel engine, sized for generator set; Emission compliant engine. CONTROLS: Solid state, microprocessor-based generator controls; Controls shall provide all operating, monitoring and control functions for generator set. ENCLOSURE/SILENCER: Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled water protective, sound attenuated enclosure; Critical grade silencer; Companion flanges; Flexible stainless-steel exhaust. FUEL TANK: Double wall sub-base tank integral to enclosure; 24-hour capacity at 100% at full load; Rupture basin with 110% capacity; Locking fuel caps; Mechanical fuel level gauge; Low fuel level alarm contact; Fuel tank rupture alarm contact; Must meet UL 142 and FDEP standards. BATTERY CHARGER: Current limiting battery charger to automatically charge batteries; Charger shall be dual charge rate with automatic switching to boost rate when required; Charger shall be mounted on genset package. STARTUP AND TESTING: Vendor must coordinate all startup and testing activities with the engineer and owner. After installation is completed by others and normal power is available, the vendor must perform a one (1) day startup including the use of building load; The startup technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements. CONDITIONS: In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items: Initial filling of oil and antifreeze (fuel provided by others); Shrink wrap applied to the product to ensure a clean finish; During the startup, the technician shall record the following information and provide to the owner for his records: Record Operating Voltage, Hz, Ph, and connected load (Amperage); Package information consisting of make of generator (Cat, Wacker, or Tradewinds), model (TJ125 TP20, DP125, etc.), Serial number of complete package, and startup date; Record engine and generator serial numbers; One complete set of operation and maintenance manuals; Two (2) year or 1500-hour standard standby generator warranty; Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

Zone	Rank	Vendor	Price
Western	Primary	Tradewinds Power Corp.	\$46,268.00
Northern	Primary	Tradewinds Power Corp.	\$46,268.00
Central	Primary	Tradewinds Power Corp.	\$46,268.00
Southern	Primary	Tradewinds Power Corp.	\$46,268.00

Options appear in alphabetical order by awarded vendor.

Options: Tradewinds Power Corp.

Order Code	Description	Price
T20-UL-FS	Credit - Downgrade generator package to 20kwe, TIER Compliant diesel engine, 50gal UL tank, 80amp breaker, NFPA 110 controller, marine grade sound attenuated aluminum enclosure with stainless steel hardware. Unit nonproprietary.	\$18,435.83
T30-UL-FS	Credit - Downgrade generator package to 30kwe, TIER Compliant diesel engine, 50gal UL tank, 150amp breaker, NFPA 110 controller, marine grade sound attenuated aluminum enclosure with stainless steel hardware. Unit nonproprietary.	\$16,010.35
T56-UL-FS	Credit - Downgrade generator package to 56kwe, TIER Compliant diesel engine, 125gal UL tank, 300amp breaker, NFPA110 controller, marine grade sound attenuated aluminum enclosure with stainless steel hardware. Unit nonproprietary.	\$12,047.30
T60-UL-FS	Credit - Downgrade generator package to 60kwe, TIER Compliant diesel engine, 125gal UL tank, 300amp breaker, NFPA110 controller, marine grade sound attenuated aluminum enclosure with stainless steel hardware. Unit nonproprietary.	\$7,764.51
T80-UL-FS	Credit - Downgrade generator package to 80kwe, TIER Compliant diesel engine, 150gal UL tank, 400amp breaker, NFPA110 controller, marine grade sound attenuated aluminum enclosure with stainless steel hardware. Unit nonproprietary.	\$7,085.53
T100-UL-FS	Credit - Downgrade generator package to 100kwe, TIER Compliant diesel engine, 200gal UL tank, 500amp breaker, NFPA110 controller, marine grade sound attenuated aluminum enclosure with stainless steel hardware. Unit nonproprietary.	\$6,570.59
TG30-UL-FS	Credit - Downgrade generator package to 30kwe natural gas or propane, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 150amp breaker, 65dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$16,655.92
TG40-UL-FS	Credit - Downgrade generator package to 40kwe natural gas or propane, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 200amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$13,875.03
TG45-UL-FS	Credit - Downgrade generator package to 45kwe natural gas or propane, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 200amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$14,137.45
TG60-UL-FS	Credit - Downgrade generator package to 60kwe natural gas or propane, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum subbase, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$7,127.28
TG80-UL-FS	Credit - Downgrade generator package to 80kwe natural gas, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$5,534.92
TGN100-UL-FS	Credit - Downgrade generator package to 100kwe natural gas, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$4,875.05
TGP100-UL-FS	Credit - Downgrade generator package to 100kwe liquid propane fueled gas engine, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$2,492.52
TG125-UL-FS	Upgrade - Upgrade generator package to 125kwe natural gas or propane engine, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$17,897.92
TG150-UL-FS	Upgrade - Upgrade generator package to 150kwe natural gas or propane engine, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$20,872.43
TG200-UL-FS	Upgrade - Upgrade generator package to 200kwe natural gas or propane engine, 1 or 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$68,636.67

Order Code	Description	Price
TG300-UL-FS	Upgrade - Upgrade generator package to 300kwe natural gas or propane engine, 3ph, with marine grade sound attenuated aluminum enclosure with stainless steel hardware, aluminum sub base, 300amp breaker, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.	\$97,018.79
T20-TTP-UL-FS	Credit - Downgrade generator package to 20kwe Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 150amp, stainless steel service disconnects, and 120gal tank. UL 142 tank. Unit non-proprietary. UL Listed.	\$7,287.79
T30-TTP-UL-FS	Credit - Downgrade generator package to 30kwe Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 200amp, stainless steel service disconnects, and 120gal tank. UL 142 tank. Unit non-proprietary. UL Listed.	\$5,249.57
T56-TTP-UL-FS	Upgrade - Upgrade generator package to 56kwe UL 2200 approved Total Pac, with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 200amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.	\$4,944.04
T65-TTP-UL-FS	Upgrade - Upgrade generator package to 65kwe UL 2200 approved Total Pac, with compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 250amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.	\$8,256.14
T80-TTP-UL-FS	Upgrade - Upgrade generator package to 80kwe UL 2200 approved Total Pac, with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 250amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.	\$16,093.06
T100-TTP-UL-FS	Upgrade - Upgrade generator package to 100kwe UL 2200 approved Total Pac, with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.	\$17,366.95
T125-TTP-UL-FS	Upgrade - Upgrade generator package to 125kwe Total Pac, with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 300gal tank UL 142 tank. Unit non-proprietary.	\$34,328.70
T150-TTP-UL-FS	Upgrade - Upgrade generator package to 150kwe Total Pac, with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 600amp, stainless steel service disconnects, and 300gal tank UL 142 tank. Unit non-proprietary.	\$83,806.69
T200-TTP-UL-FS	Upgrade - Upgrade generator package to 200kwe Total Pac, with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 800amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.	\$110,976.26
IT100-150-FS	Credit - Downgrade 100-150amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$46,175.81
IT151-200-FS	Credit - Downgrade 151-200amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$46,182.81
IT201-400-FS	Credit - Downgrade 201-400amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$46,187.81
IT401-600-FS	Credit - Downgrade 401-600amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$46,202.81
IT601-800-FS	Credit - Downgrade 601-800amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$46,212.81
IT801-1200-FS	Credit - Downgrade 801-1200amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$46,192.81
IT1201-4000-FS	Credit - Downgrade 1201-4000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.	\$46,182.81
500TANK-UL-FS	Net Cost Adder - 500 gallon, UL 142, above ground steel storage tank with required fittings and delivery. Off-loading by others.	\$10,173.00
1000TANK-UL-FS	Net Cost Adder - 1000 gallon, UL 142, above ground steel storage tank FDEP Compliant with required fittings and delivery. Off-loading by others.	\$14,730.00
DELETE-A-FS	Credit - Downgrade Delete aluminum weather enclosure and sub base fuel from 9kwe - 30kwe packages and provide steel sub base with loose muffler, exhaust flex, and rain cap.	\$42,907.00
DELETE-B-FS	Credit - Downgrade Delete aluminum weather enclosure and sub base fuel from 31kwe - 100kwe packages and provide steel sub base with loose muffler, exhaust flex, and rain cap.	\$40,907.00
DELETE-C&D-FS	Credit - Downgrade Delete aluminum weather enclosure and sub base fuel from 101kwe - 400kwe packages and provide steel sub base with loose muffler, exhaust flex, and rain cap.	\$38,407.00
DELETE-F-FS	Credit - Downgrade Delete aluminum weather enclosure and sub base fuel from 450kwe - 500kwe packages and provide steel sub base with loose muffler, exhaust flex, and rain cap.	\$34,918.00
T150-UL-FS	Upgrade - Upgrade generator package to 150kwe with emission compliant engine, 300gal tank, 400amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.	\$8,103.27
T175-UL-FS	Upgrade - Upgrade generator package to 175kwe with emission compliant engine, 300gal tank, 400amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.	\$10,931.29
T200-UL-FS	Upgrade - Upgrade generator package to 200kwe, with emission compliant engine, 300gal tank, 500amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.	\$13,987.33
T250-UL-FS	Upgrade - Upgrade generator package to 250kwe with emission compliant engine, 500gal tank, 500amp breaker, NFPA110controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.	\$35,980.92
T300-UL-FS	Upgrade - Upgrade generator package to 300kwe with emission compliant engine, 500gal tank, 600amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.	\$46,262.43
T150-TTP-UL-FS	Upgrade - Upgrade generator package to 150kwe, UL 2200 approved, Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.	\$41,940.15

Order Code	Description	Price
T175-400TTP-UL-FS	Upgrade - Upgrade generator package to 175kwe, UL 2200 Approved, Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.	\$44,742.69
T175-600TTP-UL-FS	Upgrade - Upgrade generator package to 175kwe, UL 2200 Approved, Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 600amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.	\$50,908.29
T200-400TTP-UL-FS	Upgrade - Upgrade generator package to 200kwe, UL 2200 Approved, Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.	\$48,564.34
T200-600TTP-UL-FS	Upgrade - Upgrade generator package to 200kwe, UL 2200 Approved, Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 600amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.	\$54,475.16
T1-Parallel-FS	Net Cost Adder - Additional equipment and labor required to parallel any two machines (20kwe - 200Kwe) together at the factory and perform onsite start-up and adjustment.	\$16,840.00
T2-Parallel-FS	Net Cost Adder - Additional equipment and labor required to parallel any two machines (201kwe - 600Kwe) together at the factory and perform onsite start-up and adjustment.	\$22,800.00
T-150tank-FS	Net Cost Adder - Upgrade existing UL 142 subbase fuel tank to 150 gallons with FDEP package and exterior corrosion resistant paint applied.	\$2,380.00
T-200tank-FS	Net Cost Adder - Upgrade existing UL 142 subbase fuel tank to 200 gallons with FDEP package and exterior corrosion resistant paint applied.	\$3,840.00
T-300tank-FS	Net Cost Adder - Upgrade existing UL 142 subbase fuel tank to 300 gallons with FDEP package and exterior corrosion resistant paint applied.	\$4,280.00
T-500tank-FS	Net Cost Adder - Upgrade existing UL 142 subbase fuel tank to 500 gallons with FDEP package and exterior corrosion resistant paint applied.	\$5,860.00
TT-8000-UL-FS	Net Cost Adder - 8000 gallon, UL 142, steel subbase fuel tank to accept one or two generators with necessary railings, steps, electrical stub-ups, and FDEP fill port.	\$44,750.00
TC-8000-UL-FS	Net Cost Adder - 8000 gallon, UL 2085, above ground concrete fuel tank with all necessary fittings, ground level fill point, and alarms.	\$64,582.00
TLIT-ENC-FS	Net Cost Adder - Supply and Install LED interior enclosure maintenance lights with 60 min timer.	\$1,240.00
TPOL-FS	Net Cost Adder - Supply and install diesel fuel polishing system.	\$3,850.00
TPOL1-FS	Net Cost Adder - Supply loose portable diesel fuel polishing system.	\$8,560.00
TJ-125-FS	Net Cost Adder - Change bid model (125kwe) engine to TIER emission compliant John Deere engine with same specification and rating.	\$5,860.00
TG-125-FS	Upgrade - Upgrade generator package to 125kwe natural gas or propane engine, aluminum subbase, 200amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.	\$17,840.00
TG-195-FS	Upgrade - Upgrade generator package to 195kwe natural gas or propane engine, aluminum subbase, 300amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.	\$63,155.00
TSCD-01-FS	Net Cost Adder - Engineer, supply, and install SCADA interface box with dry contacts.	\$1,250.00
TRMA-02-FS	Net Cost Adder - Engineer and supply NFPA - 110 compliant generator remote annunciator panel. (Flush or Surface mount) Shipped Loose.	\$989.00
TREG-03-FS	Net Cost Adder - Supply Emergency break glass push button mounted in a NEMA 3r box. Shipped Loose.	\$1,450.00
TDVARP-04-FS	Net Cost Adder - Supply and install Generator voltage regulator upgrade for 3ph sensing with PMG.	\$1,452.00
EX-SS-FS	Net Cost Adder - Provide credit for existing muffler system and install stainless steel exhaust which includes muffler, rain cap, piping and clamps. 20 to 100kw	\$2,985.00
TAMP1-FS	Net Cost Adder - Engineer, supply, and install upgrade to generator main breaker to 100% rated breaker with shunt trip. 50 - 400amps.	\$2,500.00
TAMP2-FS	Net Cost Adder - Engineer, supply, and install upgrade generator main breaker to 100% rated breaker with shunt trip. 401 - 1600amps.	\$6,985.00
5yr - FS	Net Cost Adder - Add 5 year, 2500 hour standby extended warranty to include engine, alternator, breaker, control panel, Enclosure, but excludes fuel tank. Price is 5% of total purchase price.	\$5.00
T-CCP-FS	Net Cost Adder - Payment made by Credit Card. Price is 3% of total purchase.	\$3.00
TMAIN-1-FS	Net Cost Adder - One (1) maintenance trip for 20kw - 200kwe packages to change oil, oil filter, and fuel filters. Inspect/check operation.	\$964.00
TMAIN-2-FS	Net Cost Adder - One (1) maintenance trip for 201kw - 300kwe packages to change oil, oil filter, and fuel filters. Inspect/check operation.	\$1,184.00