

BLUE STAR

Power Systems Inc.

Sales Quote

Quote Date: 2/10/2025 8:09:00 AM
Quote Number: 0116493-1
Project Title: St James WWTP NG500-02
Prepared for: Generator System Services

Distributed by:



Unit Model	NG500-02	Standby / Prime	Emergency Stationary Standby
kWe Rating	500 kWe	UL 2200 Listed	Yes
Fuel	Natural Gas [NG]	CSA Approved	Yes
EPA	Certified	Paint Color	Gray

Fuel System: Natural Gas

Fuel System Options: Dry Fuel Strainer - Send Loose
Fuel Plumbed to Base

Engine Model: PSI 21.9LHO 500kW Standby Power Rating at 1800 RPM
Governor - Electronic Isochronous

Voltage: 480/277V 3 Phase 60 Hz 0.8 PF

Gen Model: Stamford HCI534D 12 Lead Wired 480V 3 Phase High Wye 125°C Rise Over 40°C Ambient

Voltage Regulator: Stamford MX321 Automatic Voltage Regulator with PMG Excitation

Control Panel: Blue Star DCP7310 Microprocessor Based Gen-Set Controller
Mounted Facing Left from Generator End (Unless Specified Otherwise)
Standard Features: Low Oil Pressure, High Coolant Temp, Overspeed, Overcrank Shutdowns
Emergency Stop Pushbutton, Audible Alarm Buzzer with Silencing Switch

Control Panel Options: Low Water Level Sensor with Shutdown
Break Glass E-Stop Station - Send Loose

Unit Color: Gray

Enclosure: Level 2 (Weather Proof Enclosure with Foam) Powder Coated 14 Gauge Steel
Rugged and Durable 200 MPH Wind Rated Enclosure
Pitched Roof for Increased Structural Integrity and Improved Watershed
Louvered Intake and Punched Exhaust Openings
Keyed Alike Lockable Doors with Draw Down Latches and Stainless Steel Component Hinges
Additional 1.5" Thick Polydamp Type D Acoustical Foam (PAF)
Structural Steel Base with Mounting and Lifting Holes
Includes Pad Type Vibration Mounts to Isolate Unit from Mounting Surface

Sound Attenuation Foam: Sound Attenuation Installed in Enclosure
(2) Interior DC Lights Mounted and Wired with Timer Switch
Gravity Exhaust Louver Mounted
Load Distribution Center for Single Point Accessory Wiring
Motorized Intake Louver (Power Close/Spring Open) Mounted and Wired

Cooling: Unit Mounted Radiator (50°C Ambient)

Oil Drain Extension: Plumbed to Bulkhead Fitting in Base

Mainline Breaker: 800 Amp 3 Pole 600 Volt Breaker Mounted & Wired in a NEMA 1 Enclosure

Jacket Water Heater: Engine Block Heater 5000W 240VAC Rated for -20°F
Heater Installed with Isolation Valves and Wired to Terminal

Air Cleaner: Dry Single Stage

Silencer:	Catalyst Mounted to Engine - Provides Silencing Function
Battery:	24 Volt System with Racks & Cables
Battery Charger:	Battery Charger Not Included
Factory Test:	Standard Commercial Testing Includes: Verification of Alarm Shutdowns, Voltage Settings, Block Loading to Rated kWe and PF
Owner's Manual:	Print Copy (Qty 1)
Warranty:	2 Year / 2000 Hour Limited

Notes: Battery Charger Supplied By GSS (24VDC Dual 4A)

Additional Options (Not Included in Price):	Freight to be determined.	\$0.00
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Unit Price (QTY 1)	\$189,610.20
Freight	Not Included
Installation	Not Included
Startup	Not Included
Sales Tax	To Be Determined

Total Price	\$189,610.20
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Payment Terms:	Due Upon Receipt
Lead Time:	40 Weeks (Contingent on component availability)

Terms & Conditions

- This quote is valid for a period of 30 days.
- This proposal is our interpretation of your requirement. It includes only the items listed on this quotation. Should there be other requirements or specifications, we will re-quote accordingly.
- Units are shipped wet to include lube oil and 50/50 water and antifreeze mix unless otherwise noted in this quotation.
- All extended piping, wiring, or other than listed above is performed by "others".
- Seller is not quoting, offloading, job site startup, personnel instructions, field testing, or unit installation.
- Quoted prices include normal testing, packaging, and instructional literature.
- It is the distributor/purchaser and end user's responsibility to ensure that this equipment is operated in accordance with all applicable local, state, and federal laws and regulations governing the use and operation of this equipment.



Distributor Terms & Conditions

New Unit Start-up and Operator Instruction is included in sell price (unless noted otherwise).
To accept this proposal and purchase please sign, date the bottom of the quote and return to GSS. Make any special notes and provide PO if required.
The quote when signed and returned will initiate the equipment order and act as a purchase agreement.

Signature: _____ Date: _____
PO Number: _____

Ship To: _____

