

TO: Mayor and City Council

FROM: Dan Howard, Public Works Director

SUBJECT: Equipment replacement

MEETING DATE: Tuesday, April 6, 2021

BACKGROUND

At present we have two 1800 psi pressure washers. One was purchased August 24, 2000. They are the same model. We have a 5kw Honda generator that does not generate electricity and was estimated that it would cost more to repair than it is worth. The age of this generator is unknown. We also have a missing 2200 Honda generator that is approx. 20 years old. We would like to offer the pressure washers and generator at auction and replace the pressure washers with one 4000 psi pressure washer with a purchase price of \$1,300 - \$1,500. We would like to purchase a new Honda 2200 generator with a purchase price of \$1,100.

REQUESTED COUNCIL ACTION

I respectfully request a motion and approval for purchase of the listed equipment and offer the depreciated equipment at auction as recommended by the Public Works Commission.







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NorthStar Gas Cold Water Pressure Washer — 4,000 PSI, 3.5 GPM, Honda Engine, Model# 15782020

Item# 15782020



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- Honda GX390 389cc OHV engine for quiet, reliable performance
- CAT 66DX commercial-grade direct drive triplex pump for superior durability
- Premium push-down style steel cart with roll cage for smooth, balanced maneuvering and protection
- 15in. pneumatic wheels
- Easy Start prevents pressure buildup for smoother, easier recoil pulling



Engine Powered by Honda

Product Summary

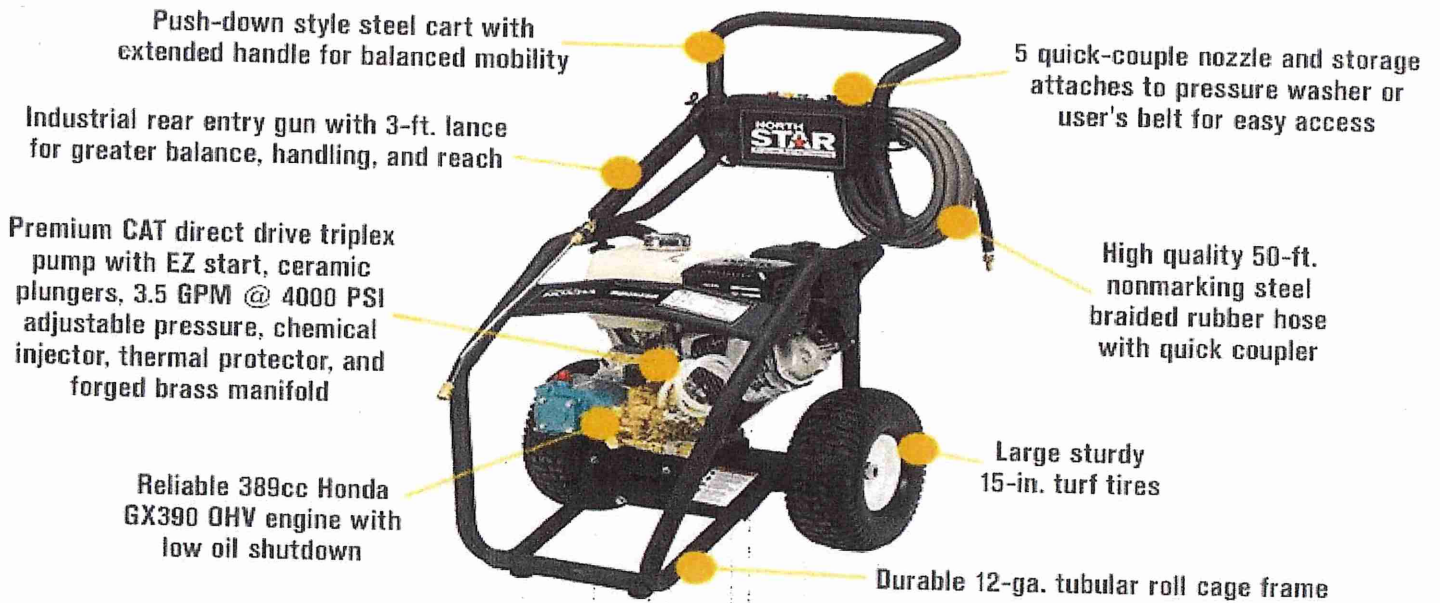
This NorthStar Gas Cold Water Pressure Washer is designed to handle the most demanding professional and rental applications. The industrial-grade Honda GX390 389cc OHV engine features a cast iron sleeve, and a horizontal shaft design for up to five times longer life than vertical shaft engines. A commercial-grade CAT 66DX direct drive axial pump with ceramic plungers and a forged brass manifold provide superior performance and durability.

NorthStar pressure washers undergo thousands of hours of rigorous testing to ensure peak performance, plus include an industry-leading warranty to give you extra peace of mind.

What's Included

(1) NorthStar Gas Cold Water Pressure Washer — 4,000 PSI, Honda Engine, Model# 15782020, (1) 50-ft. nonmarking high-pressure hose, (1) 3-ft. lance, (5) Quick-couple nozzles, (1) Downstream chemical injector, (1) Nozzle holder

Features + Benefits



- Honda GX390 389cc OHV engine for quiet, reliable performance
- CAT 66DX commercial-grade direct drive triplex pump for superior durability
- Premium push-down style steel cart with roll cage for smooth, balanced maneuvering and protection
- 15in. pneumatic wheels
- Easy Start prevents pressure buildup for smoother, easier recoil pulling
- Sight glass allows for quick, convenient pump oil checks
- Removable NorthStar nozzle holder system attaches to pressure washer or user's belt for easy access
- Includes 50-ft. gray nonmarking high-pressure hose, 3-ft. lance, downstream chemical injector and five quick-couple professional nozzles (0°, 15°, 25°, 40° and chemical/soap)
- 4-year consumer limited warranty; 2-year commercial limited warranty; 3-year limited warranty on Honda GX engine

Key Specs

Item#	15782020	Coupler Size (in.)	3/8
Brand	<u>NorthStar</u>	Cart	Push-down style steel cart
Manufacturer's Warranty	4 Yr Consumer/2 Yr Commercial	Fuel Capacity (gal.)	1.6
Ship Weight	185.0 lbs	Max. Inlet Water Temp (°F)	140
Pressure (PSI)	4,000	Max. Output Water Temp (°F)	140
Flow (GPM)	3.5	Fuel Type	Gasoline
Engine	Honda	Chemical Injector	Yes
Engine Model	GX390	Adjustable Pressure	Yes
Engine Displacement (cc)	389	Engine Oil Type	SAE 30
Gross Torque	18.5	Pump Oil Type	30W nondetergent
Pump	CAT 66DX	Engine Oil Included	No
Drive	Direct	Pump Oil Included	Yes
Gun	Industrial rear entry w/3 ft. lance	Low Oil Shutdown	Yes
Nozzle Type	Quick-connect	Thermal Protector	Yes
Orifice Size	3.5	Dimensions L x W x H (in.)	42.25 x 26 x 42.25
Hose	50-ft. nonmarking high-pressure		

Replacement Parts

Call To Order: 1-800-657-0516

https://www.northerntool.com/shop/tools/product_200594833_200594833





Honda EU2200ITAG Portable Inverter Generator — 2200 Surge Watts, 1800 Rated Watts, CARB-Compliant, Model# EU2200ITAG

Item# 100554



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Not Available at Rochester
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- 2200 surge watts, 1800 rated watts, 120 Volts
- Inverter technology provides clean, stable power for safely running sensitive electronics
- Great portability for recreation, camping, jobsites, and home backup power
- Quality Honda 121cc OHC GXR120 engine with recoil start
- Eco-Throttle™ system offers excellent fuel efficiency by allowing the engine to run only as fast as needed for any given load

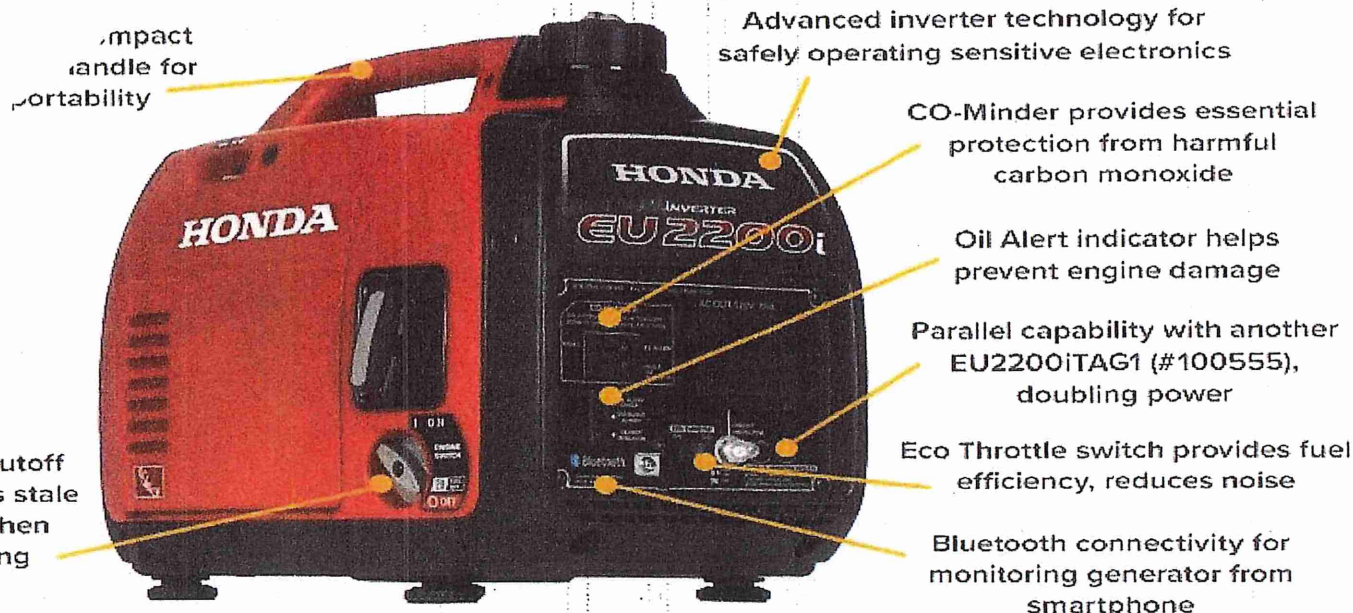
Product Summary

The Honda EU2200i Portable Inverter Generator represents the leading edge of portable power technology. Now delivering 10% more power, the newly designed EU2200i offers greater performance combined with ease of use and simplified maintenance. Technical enhancements result in more power and maximum output at lower RPMs, delivering customers quiet, efficient portable power. With a lightweight, compact design, this versatile generator provides easy portability for camping, recreation, and home backup power, jobsites and more. The Honda EU2200i features a fuel-efficient, smooth-running Honda engine that is reliable and super quiet, producing less noise than a normal conversation. Plus, when connected to another EU2200i or EU2000 inverter generator using a parallel kit you get double the power! It features CO Minder for protection against carbon monoxide, Bluetooth connectivity for monitoring generator performance from your smartphone and covered outlets for added protection.

What's Included

(1) Inverter generator, Model# EU2200ITAG

Features + Benefits



- 2200 surge watts, 1800 rated watts, 120 Volts
- Inverter technology provides clean, stable power for safely running sensitive electronics
- Great portability for recreation, camping, jobsites, and home backup power
- Quality Honda 121cc OHC GXR120 engine with recoil start
- Eco-Throttle™ system offers excellent fuel efficiency by allowing the engine to run only as fast as needed for any given load
- Super-quiet 48dB operation is quieter than normal conversation
- Oil Alert™ shuts down engine when oil level drops too low
- CO Minder for essential protection from harmful carbon monoxide
- Bluetooth connectivity lets you monitor generator performance from smartphone
- Electronic ignition and automatic decompression for easy starts
- New color-coded start up components guide user through the starting of the generator
- New fuel shut off valve makes generator easier to use and maintain
- New easier oil fill/drain make for easier and cleaner oil changes
- Parallel connection allows for pairing of the Honda EU2200i with another EU2200i or a Honda EU2000i K1/T1 model for added convenience and more power
- Up to 8.1 hrs. run time @ 1/4 load; 3.2 hrs. @ rated load
- Two 20A, 120V outlets
- Covered outlets protect against the elements
- Equipped with circuit breakers, USDA-qualified spark arrestor mufflers and automatic voltage regulators
- **CARB compliant; can be sold in all 50 states**

Key Specs

Item#	100554	Noise Level (dB)	48
Brand	Honda Power Equipment	Start Type	Recoil
Manufacturer's Warranty	3 year limited warranty	Fuel Capacity (gal.)	0.95
Ship Weight	53.5 lbs	Run Time	8.1 hrs. run time at 1/4 load; 3.2 hrs. at rated load
Surge Watts	2,200	Receptacles (qty.)	(2) 20A, 120V outlet
Rated Watts	1,800	Low Oil Shutdown	Yes
Fuel Type	Gasoline	CARB Compliant	Yes
Engine Model	GXR120	Product Weight	46.5
Engine	Honda	Dimensions L x W x H (in.)	20.0 x 11.4 x 16.7
Engine Displacement (cc)	121		

Compare with Most Popular Inverter Generators

Item# 74006

Item# 100556

Item# 100555

Currently Viewing

Item# 100554

Item# 83169