SENECA POWER GENERATION

Distributed by Genrep

# 450KW

Model: 450GGS2
Standby - Natural Gas/Propane
Stationary Units
18-Month Limited Warranty



## Made in Canada

All Seneca Power Products are engineered and assembled in Southern Ontario, distributed in Canada by Genrep.

## Low Emissions

PSI 20 L natural gas engines are certified in Tier 2, reliable, high performance, fuel efficient and compact.

## Nation-wide Service

Seneca products are covered with warranty, parts and service, by Genrep's nationwide network of trained professionals.

## Built to Last

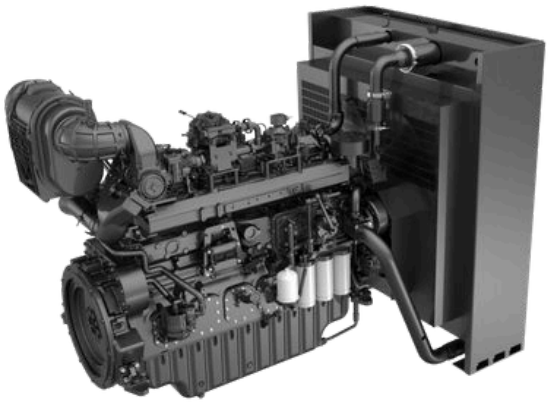
PSI brand gas engine, Stamford alternator, and Deep Sea controller. Factory load tested and functionally robust with directly coupled brushless alternator.

## Applications

Easy to install and use across industries including government offices, healthcare, construction, hospitality, manufacturing, agriculture and more.

## Weight & Dimensions

| | |
|---|---|
| Approx. Weight | 16200 Lbs |
| Length | 255" |
| Width | 90" |
| Height | 120" |







Pictures and dimensions shown are for illustration purposes only. The actual product may vary based on power node and part visibility.

## Engine Specifications

| | |
|---|---|
| Engine Brand / Model | PSI 20 LT |
| Cylinders, number | 6 |
| Displacement (L) | 19.6 L |
| Aspiration | Charge Cooled Forced Induction |
| Bore & Stroke | 150 x 185 |
| Compression Ratio | 10.5:1 |
| Combustion System | Premixed and Spark Ignited |
| Rated RPM | 1800 |
| Max Power at Rated RPM | 570 KW |
| Governor | Electronic |
| Emissions | EPA Tier 2 |

## Genset Specifications

| | |
|---|---|
| Power | 450 KW |
| Power Rating | Standby |
| Speed RPM (Hz) | 1800(60) |
| Enclosure Type | Open/Closed |
| Vibration Mounts | Rubber Mounts |
| Coupling | Direct/Motor Shaft |
| Spark Plugs | STANDARD |
| Brushless Design with AVR | STANDARD |
| Key Start | OPTIONAL |
| Exhaust Flex and Piping | OPTIONAL |
| Oil change Pump | OPTIONAL |
| Sound Enclosure | OPTIONAL |
| Custom Designing for Special Applications | OPTIONAL |
| Block Heater | OPTIONAL |
| Specific Fuel Consumption 1800RPM @100% (NG) | 117 Kg/Hr |
| Specific Fuel Consumption 1800RPM @100% (LP) | 80 Kg/Hr |

## Electrical Specifications

| | | Standby - NG | | | Standby - LP | | |
|---|---|---|---|---|---|---|---|
| Volts | Power Factor | KW | KVA | AMPS | KW | KVA | AMPS |
| 120/240 1-PH | 1 | N/A | N/A | N/A | 300 | 300 | 1250 |
| 120/208 3-PH | 0.8 | N/A | N/A | N/A | 300 | 375 | 1040 |
| 120/240 3-PH | 0.8 | N/A | N/A | N/A | 300 | 375 | 902 |
| 277/480 3-PH | 0.8 | 450 | 562.5 | 676 | 300 | 375 | 451 |
| 346/600 3-PH | 0.8 | 450 | 562.5 | 541 | 300 | 375 | 360 |

## Controller Specifications

| | |
|---|---|
| Brand | DSE |
| Full Engine Monitoring | YES |
| Full AC/DC Monitoring | YES |
| USB Connectable | YES |
| Electronic Speed Control | YES |
| Remote Start Stop Capability | YES |
| Safety Shut Downs For Monitored Parameters | YES |
| Remote Display Panel | OPTIONAL |
| DSE Web Net | OPTIONAL |
| External Emergency Stop | OPTIONAL |
| Additional Inputs/Outputs | OPTIONAL |
| Maintenance Interval Timer | DISABLED |
| Load Shedding/Dummy | DISABLED |

**Please contact your local dealer for parts, warranty, maintenance, and service**

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