SENECA POWER GENERATION

Distributed by Genrep

500KW

Model: 500GGS2
Standby - Natural Gas
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 22 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

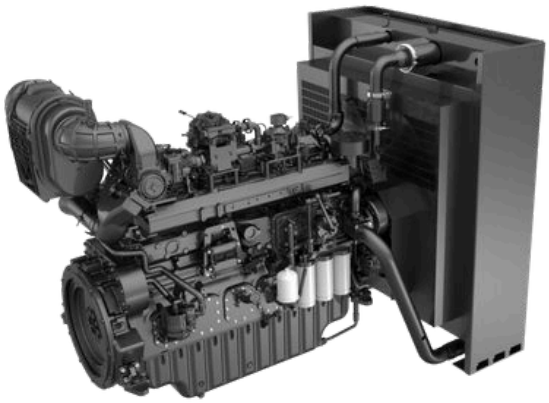
PSI brand gas engine, Stamford alternator, and Deep Sea controller. Factory load tested and functionally robust with directly coupled brushless alternator.

Applications

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

Weight & Dimensions

Approx. Weight	16500 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	Turbocharged Air Cooled
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	500 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)	120 Kg/Hr

Electrical Specifications

		Standby - NG		
Volts	Power Factor	KW	KVA	AMPS
120/240 1-PH	1	N/A	N/A	N/A
120/208 3-PH	0.8	500.00	625	1737
120/240 3-PH	0.8	N/A	N/A	N/A
277/480 3-PH	0.8	N/A	N/A	N/A
346/600 3-PH	0.8	500.00	625	602

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

Distributed by Genrep1-877-7 GENREP / info@genrep.com / www.genrep.com

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