SENECA
POWER GENERATION

Distributed by Genrep

500KW

Model: 500DHS3
Standby - Diesel
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

Hyundai DP-158 15.3 L G-drive engines are certified in Tier 3, 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

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

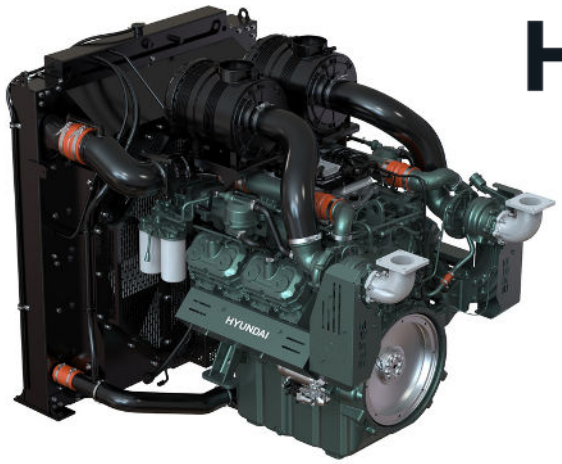
Applications

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

Weight & Dimensions

Approx. Weight	18000 Lbs
Length	231"
Width	94"
Height	123"

Powered by
HYUNDAI





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	Hyundai DP158CBK
Cylinders, number	8
Displacement (L)	15.133 L
Aspiration	Turbocharged and Intercooled
Bore & Stroke	128 X 147
Compression Ratio	14.8 : 1
Combustion System	Compression Ignition
Rated RPM	1800
Max Power at Rated RPM	560 KWm
Governor	Electronic
Emissions	EPA Tier 3
Starter Motor	24 V X 7 KW
Battery Charging Alternator	24 V X 45 A

Genset Specifications

Power	500 KWe
Power Rating	Standby
Speed RPM (Hz)	1800(60)
Enclosure Type	Open/Closed
Vibration Mounts	Rubber Mounts
Coupling	Direct/Motor Shaft
Electric Fuel Pump	STANDARD
Glow 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 @ 50%	95 L/Hr
Specific Fuel Consumption 1800RPM @100%	145.1 L/Hr

Electrical Specifications

		Standby		
Volts	Power Factor	KW	KVA	AMPS
277/480 3-PH	0.8	500	625	752
346/600 3-PH	0.8	500	625	601

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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