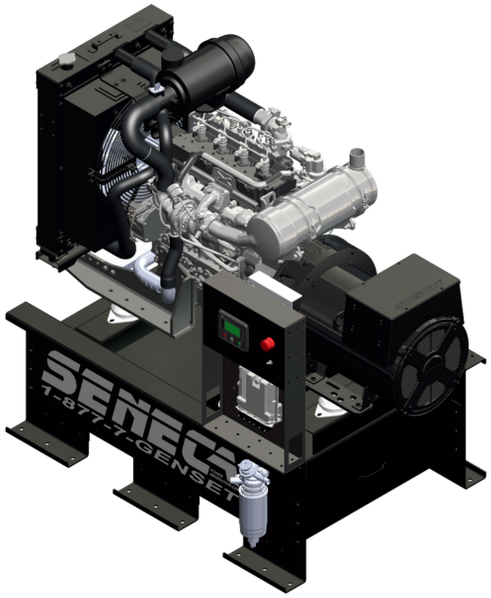
SENECA
POWER GENERATION

Distributed by Genrep

50KW

Model: 50DHS4
Open Generator Set
Prime/Standby - Diesel
Stationary & Mobile Units
2 Year Limited Warranty



Made in Canada

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

Low Emissions

HD Hyundai Infracore 3.4 L G-drive engines are certified in Tier 4 using DOC only and are 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

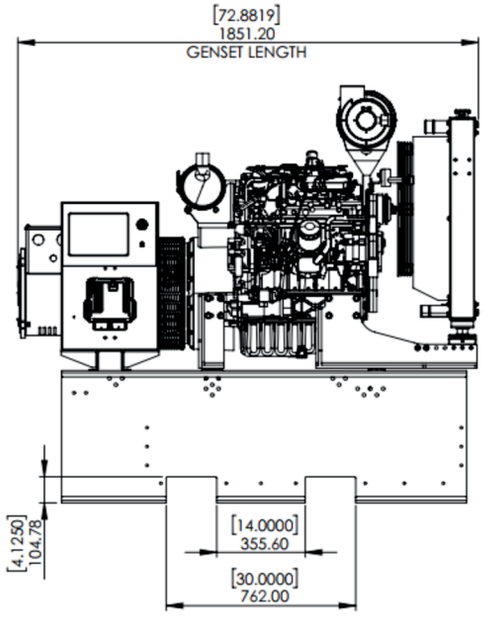
Prime power rated engine with Stamford alternator, and Deep Sea controller. Factory load tested and functionally robust with dedicated fork pockets and directly coupled brushless alternator.

Applications

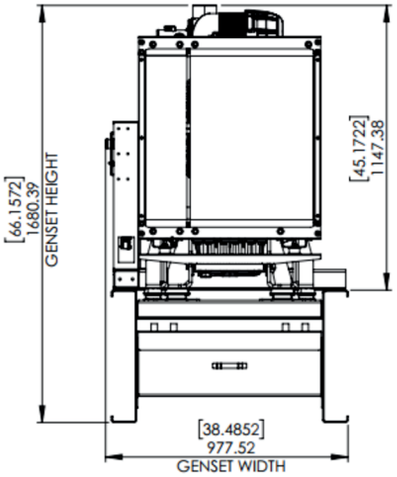
Easy to install and use in generators, compressors, pumps, sprayers, food trucks, mobile kitchens, emergency response vehicles, ice cream trucks, agriculture and more.

Weight & Dimensions

Approx. Weight Dry	1120 KG
Approx Weight Wet	1150 KG
Length	1852 mm
Width	978 mm
Height	1681 mm



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 Infracore / D34
Cylinders, number	Inline 4
Displacement (L)	3.4 Liter
Aspiration	Turbocharged and air-to-air aftercooled
Bore & Stroke	90 x 113 mm
Compression Ratio	18.0:1
Combustion System	CI
Rated RPM	1800
Max Power at Rated RPM	55.4 KW
Cylinder Block Material	Cast Iron
Governor	Controlled by ECU
Fuel System	Diesel Bosch Common-rail Pump
Emissions	Tier 4 Final (DOC only)
Starter Motor	12V x 2.5KW
Battery Charging Alternator	12V x 110A
Flywheel & Housing	SAE #4 - 10" (SAE J620)
Maximum Coolant Temperature	110
Radiator Fan	Blower Type, Plastic, 6 Blade
Fuel System Frequency Regulation, Steady State	±0.5%
Air Cleaner	Dry Type
Fuel Heater	Bi-metal Type Control, Resistive

Genset Specifications

Power (KW)	50 KW
Power Rating	Prime
Speed RPM (Hz)	1800 (60)
Enclosure Type	Open
Vibration Mounts	Rubber Mounts
Coupling	Direct/Motor Shafts
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
Fuel Tank Capacity	51.5 Gal
Specific Fuel Consumption 1800RPM @ 50%	10.7 Liters/Hr
Specific Fuel Consumption 1800RPM @100%	20.5 Liters/Hr

Electrical Specifications

		Standby			Prime		
Volts	Power Factor	Watts	KVA	AMPS	Watts	KVA	AMPS
120/240 1-PH	1	47,000.00	47	195	47,000.00	47	195
120/208 3-PH	0.8	47,000.00	58.75	163	47,000.00	58.75	163
120/240 3-PH	0.8	47,000.00	58.75	141	47,000.00	58.75	141
277/480 3-PH	0.8	47,000.00	58.75	70.1	47,000.00	58.75	70.1
347/600 3-PH	0.8	47,000.00	58.75	56.5	47,000.00	58.75	56.5

Controller Specifications

Brand	DSE
Full Engine Monitoring	YES
Full AC/DC Monitoring	YES
USB Connectable	YES
RS282/RS485	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
Engine Exerciser	DISABLED
Maintenance Interval Timer	DISABLED
Load Shedding/Dummy	DISABLED

Genrep Authorised Dealer

Contact Information:
Address:
Phone:
Email:
Website:

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

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