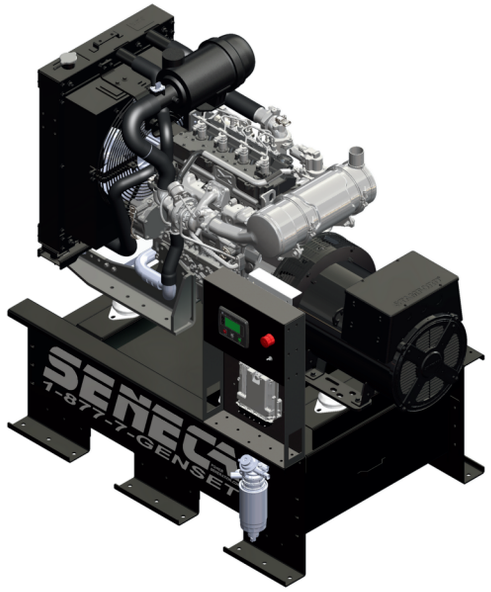
SENECA
POWER GENERATION

Distributed by Genrep

# 40KW

Model: 40DHS4
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 2.4 L G-drive engines are certified in both Tier 4 and stage V 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

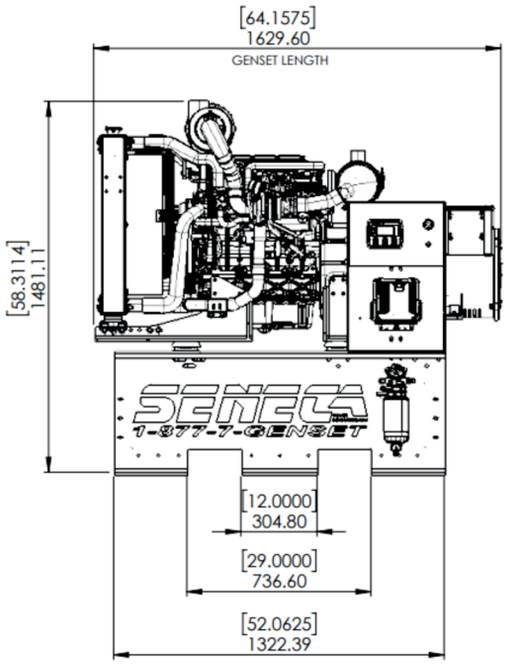
Prime power rated engine with Stamford alternator, and Deep Sea controller. Factory load tested and functionally robust with dedicated fork pockets and directly coupled brushless alternator.

## Applications

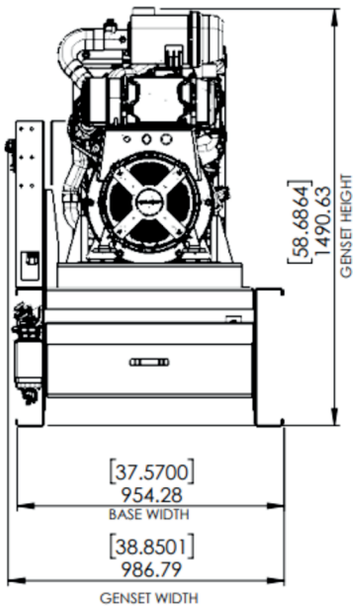
Easy to install and use in generators, compressors, pumps, sprayers, food trucks, mobile kitchens, emergency response vehicles, ice cream trucks, agriculture and more.

## Weight & Dimensions

| | |
|---|---|
| Approx. Weight Dry | 735 KG |
| Approx Weight Wet | 920 KG |
| Length | 1782 mm |
| Width | 955 mm |
| Height | 1502 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 / D24 |
| Cylinders, number | Inline 4 |
| Displacement (L) | 2.4 Liter |
| Aspiration | Turbocharged and Air-to-Air Aftercooled |
| Bore & Stroke | 90 x 94 mm |
| Compression Ratio | 17.0:1 |
| Combustion System | CI |
| Rated RPM | 1800 |
| Max Power at Rated RPM | 45.3 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) | 40KW |
| Power Rating | Prime |
| Speed RPM (Hz) | 1800 (60) |
| Enclosure Type | Open |
| 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 |
| Fuel Tank Capacity | 51.5 Gal |
| Specific Fuel Consumption 1800RPM @ 50% | 6.2 Liters/Hr |
| Specific Fuel Consumption 1800RPM @100% | 12.2 Liters/Hr |

## Electrical Specifications

| | | Standby | | | Prime | | |
|---|---|---|---|---|---|---|---|
| Volts | Power Factor | Watts | KVA | AMPS | Watts | KVA | AMPS |
| 120/240 1-PH | 1 | 44,000.00 | 44 | 183 | 40,000.00 | 40 | 166.67 |
| 120/208 3-PH | 0.8 | 44,000.00 | 55 | 152.66 | 40,000.00 | 50 | 138.79 |
| 120/240 3-PH | 0.8 | 44,000.00 | 55 | 132.31 | 40,000.00 | 50 | 120.28 |
| 277/480 3-PH | 0.8 | 44,000.00 | 55 | 66.15 | 40,000.00 | 50 | 60 |
| 347/600 3-PH | 0.8 | 44,000.00 | 55 | 52.92 | 40,000.00 | 50 | 48 |

## 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**



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