SENECA POWER GENERATION

Distributed by Genrep

# 550KW

Model: 550DHS2
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 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

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

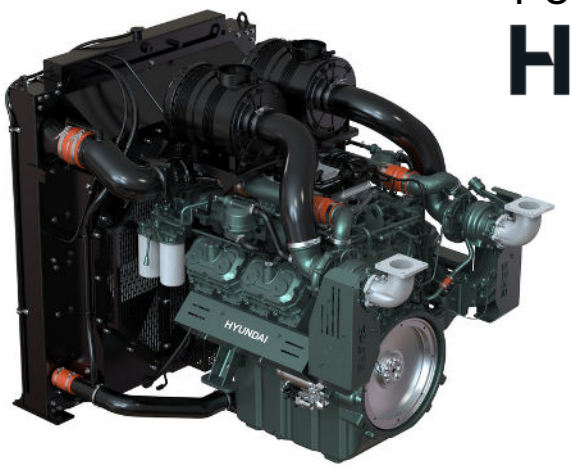
## Applications

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

## Weight & Dimensions

| | |
|---|---|
| Approx. Weight | 18600 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 DP158CCS |
| Cylinders, number | 8 |
| Displacement (L) | 15.1 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 | 618 KWm |
| Governor | Electronic |
| Emissions | EPA Tier 2 |
| Starter Motor | 24 V X 7 KW |
| Battery Charging Alternator | 24 V X 45 A |

## Genset Specifications

| | |
|---|---|
| Power | 550 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% | 87.5 L/Hr |
| Specific Fuel Consumption 1800RPM @100% | 155.5 L/Hr |

## Electrical Specifications

| | | Standby | | |
|---|---|---|---|---|
| Volts | Power Factor | KW | KVA | AMPS |
| 277/480 3-PH | 0.8 | 550 | 687.5 | 827 |
| 346/600 3-PH | 0.8 | 550 | 687.5 | 661 |

## 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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