SENECA
POWER GENERATION

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# 30KW

Model: 30DHS4-M
Prime/Standby - Diesel
Mobile Unit
18-Month Limited Warranty
EPA Tier 4 Final

## Lightweight Enclosure
Made of corrosion resistant composite with sound abatement of up to 60 dBA at 7 meters.

## Prime Rated
Hyundai DM01 engine with Stamford alternator, and Deep Sea controller.

## Nation-wide Service
Covered by network of trained service professionals.

## Voltage selector switch
Easy voltage selection for custom applications.

## Paralleling and Sync
Optional on all Seneca units.

## Plug & Play Unit
Canopy-integrated cam-loks with remote start and optional comms. connector.

## Remote Monitoring
Optional real-time analytics for fleet operations.

## Weight & Dimensions

| | |
|---|---|
| Approx. Weight | 3086.47 Lbs |
| Length | 111.25" |
| Width | 43.03" |
| Height | 59.01 |



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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 / DM01 |
| Cylinders, Number | Inline 3 |
| Displacement (L) | 1.8 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 (kWm) | 33.2 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" |
| Maximum Coolant Temperature | 110°C |
| 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 (KWe) | 30 KW |
| Power Rating | Prime |
| Speed RPM (Hz) | 1800 (60) |
| Enclosure Type | Weather |
| Vibration Mounts | Rubber Mounts |
| Coupling | Direct |
| Electric Fuel Pump | OPTIONAL |
| Glow Plugs | STANDARD |
| Brushless Design with AVR | STANDARD |
| Key Start | OPTIONAL |
| Exhaust Flex and Piping | OPTIONAL |
| Oil Change Pump | OPTIONAL |
| Sound Attenuation | OPTIONAL |
| Custom Designing for Special Applications | OPTIONAL |
| Block Heater | STANDARD |
| Fuel Tank Capacity | 22.2 Gal |
| Specific Fuel Consumption 1800RPM @ 50% | 5.2 Liters/Hr |
| Specific Fuel Consumption 1800RPM @100% | 10.1 Liters/Hr |

# Electrical Specifications

| | | Standby | | | Prime | | |
|---|---|---|---|---|---|---|---|
| Volts | Power Factor | KW | KVA | AMPS | KW | KVA | AMPS |
| 120/240 1-PH | 1 | 33 | 33 | 137.5 | 30 | 30 | 125 |
| 120/208 3-PH | 0.8 | 33 | 41.25 | 114.5 | 30 | 37.5 | 104.1 |
| 120/240 3-PH | 0.8 | 33 | 41.25 | 99.2 | 30 | 37.5 | 90.2 |
| 277/480 3-PH | 0.8 | 33 | 41.25 | 49.6 | 30 | 37.5 | 45.1 |
| 347/600 3-PH | 0.8 | 33 | 41.25 | 39.7 | 30 | 37.5 | 36.1 |

# 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 |




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

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