SENECA
POWER GENERATION

Distributed by Genrep



100KW

Model: 100DHS4-M
Prime - 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 DX05 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.

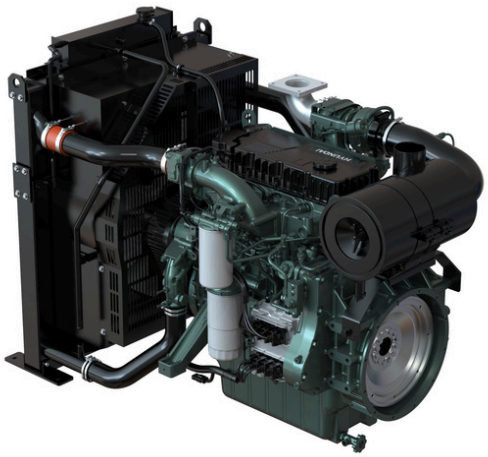
Paralleling and Sync
Optional on all Seneca units.

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	6172 Lbs
Length	133.5826"
Width	64.8425"
Height	88.5433"



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 DP054CAP
Cylinders, number	4
Displacement (L)	5.018 L
Aspiration	Turbocharged, air-to-air aftercooled
Bore & Stroke	98 X 113 mm
Compression Ratio	16.6 : 1
Combustion System	Compression Ignition
Rated RPM	1800
Max Power at Rated RPM	141 KWm
Governor	Electronic
Emissions	EPA Tier 4
Starter Motor	27.5 V X 45 KW
Battery Charging Alternator	24 V X 6 A

Genset Specifications

Power	100 KWe
Power Rating	Prime
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%	19.1 L/Hr
Specific Fuel Consumption 1800RPM @100%	36.1 L/Hr

Electrical Specifications

		Prime			Standby		
Volts	Power Factor	KW	KVA	AMPS	KW	KVA	AMPS
120/240 1-PH	1	100	100	417	125	125	520
120/208 3-PH	0.8	100	125	347	125	156.25	433
120/240 3-PH	0.8	100	125	301	125	156.25	375
277/480 3-PH	0.8	100	125	150	125	156.25	187
346/600 3-PH	0.8	100	125	120	125	156.25	150

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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