

## GP500 SOUND ATTENUATED DIESEL GENERATOR



Standard Colors:  
Red or White

Global Prime Power generators are specifically designed to provide prime power or temporary power anywhere and anytime utility power is not available.

These compact, mobile, sound attenuated generators provide single- and three-phase power simultaneously for construction, commercial, industrial, emergency, and special event applications.

### FEATURES

Rugged design for portable power applications.

Heavy duty, direct injection Perkins diesel engine provides maximum reliability.

Brushless alternator with Permanent Magnet Generator (PMG) for superior motor starting.

Premium Automatic Voltage Regulator (AVR) with three-phase rms sensing for improved regulation and performance.

Automatic start/stop contacts allow the unit to start upon a signal from a transfer switch during a power failure.

Voltage selector switch allows an easy change to a wide variety of voltages. Fine tune to exact requirements by adjusting the voltage rheostat on the front control panel.

Sound attenuated, weather resistant, electrostatic powder painted, lockable enclosure with center lifting point for safe, unattended, quiet operation.

Simultaneous three-phase and single-phase output.

Cam-Lock connectors to provide a quick connection alternative.

Reduced operating cost with 500 hour service intervals and fuel-efficient diesel engines.

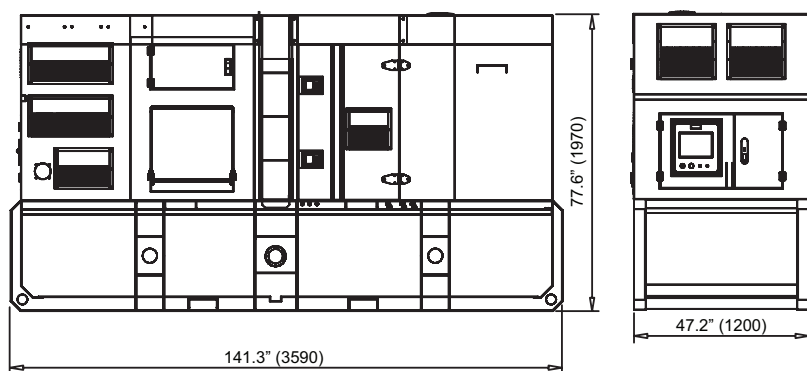
Large internal fuel cell for extended run times between refueling.

Environmentally-friendly skid with 110% fluid containment and forklift pockets.

Easy-to-read digital controller with safety shutdowns for safe, accurate generator and engine monitoring.

Trailer with flush mount DOT lighting, safety chains, adjustable height couple, and electric brakes.

EPA emission compliance to 40 CFR 1039.625.



## GENERATOR DATA

Model	GP500-SA376
Rated Standby Power @ .8pf	450 kW (562 kVA)
Rated Prime Power @ .8pf	409 kW (511 kVA)
3Ø Voltage Selections	Switchable 208/120, 220/127, 240/139 480/277, 460/266, 440/254
1Ø Voltage Selections	120/240
Amperage Capacity @ 208V 1Ø	1,411 Amps
Amperage Capacity @ 240V 1Ø	1,227 Amps
Amperage Capacity @ 480V 3Ø	613 Amps
Connection Terminals and Receptacles	4-Single row mechanical lug, hex head 4-Single row color coded Cam Locks 2- 20A, 120V GFCI, NEMA 5-15R 3- 50A, 250V, CS6369
Sound Level Full Load @ 23'	74 db(A)
Fuel Cell Capacity	290 gallons (1,098 liters)
Fuel Consumption	gph (lph)
100% load	29.8 (113)
75% load	24.5 (93)
50% load	17.6 (67)
25% load	11.6 (44)
Controller	Deepsea 7310
Safety Protection	Water Temp, Oil Pressure Emergency Stop Button kW/kVA/Amp Parameter Monitoring Battery Disconnect Lockable Voltage Selection Generator Output Protection

## ENGINE

Engine Make	Perkins
Engine Model	22506D-E15TAG1
Emissions Compliance	EPA Tier III
Design	6 Cylinder, 4-cycle, water cooled, direct injection, turbocharged
Displacement	15.2 liter
Rated Speed	1,800 rpm
Gross Engine Power Output	689 HP (514 kW)
Oil Capacity	16.3 gal (62 L)
Battery	24V 195Ah x 2

## ALTERNATOR

Model	Stamford HC1544C
Excitation	Brushless with PGM
Automatic Voltage Regulator	Stamford MX321
Frequency	60 Hertz
Voltage Regulation	±0.5%
Frequency Regulation	±0.25%
Insulation	Class H
T.I.F.	<50

## SKID DIMENSIONS

Length	141.3" (3,590 mm)
Width	47.2" (1,200 mm)
Height	77.6" (1,970 mm)
Weight (dry)	12,191 lbs (5,530 kg)

## TRAILER OPTIONS

Standard Single Axle
Electric/Surge Brakes
DOT Approved Recessed Lighting



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