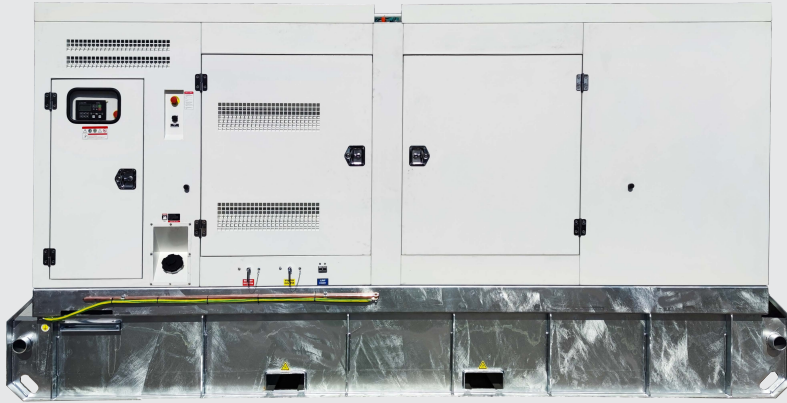


SCG500S3

Silent Type

Powered By Cummins



CONFIGURATION:

Standard: Engine, alternator, cooling system, Base frame, shock absorber, air system, control box, plastic fan blades (when the engine and water tank do not bring).

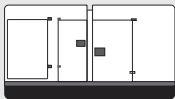
Optional: Water jacket heater, oil preheater, anti-condensation heater, fuel water separator, fuel heater, fuel level sensor, water level sensor, automatic fueling system(only supporting base frame including fuel tank).

Accessories: Silencer, bellow, exhaust silencing system accessories(with the matching engine), regular battery, data of generators, random tool(with the matching engine).

FETURES

- >> Powered by Cummins engine with reliable power output
- >> Easy maintenance and operation
- >> High durability of maximum performance
- >> With forklift pockets and lift point for transportation
- >> Suitable for all weather conditions

Basic Information



Engine		Cummins KTA19-G4
Alternator		Stamford HCI544C
Controller		Smartgen HGM6120
Prime Power	KVA/KW	500/400
Standby Power	KVA/KW	550/440
Rated Speed	RPM	1500
Rated Frequency	HZ	50
Rated Voltage	V	415/240
Phase		3
Power Factor		0.8
Governer method		Electronic
Rated Current	A	695.6
Fuel Consumption @ 100% Load	L/H	107
Dimension	LxWxH mm	5000*1900*2550
Dry Weight	Kg	6500
Fuel Tank Size	L	2000
Noise Level @ 7 meters	dBA	75±2

Note:

- (1) **Prime Power:** Prime power is available for an unlimited number of annual opearting hours in variable load applications; in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation,in accordance with ISO3046-1.
- (2) **Standby Power:** Standby power is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.
- (3) The following voltages can be customized on requirement: single phase - 220V/230V/240V; three phase - 380/220V, 400/230V, 415/240V, 440/254V.
- (4) We reserve the right to modify the specifications without prior notice. All ratings are for guidance only, please refer to the final specific generator information from us.

SCG500S3

Silent Type

Powered By Cummins

Engine Specification

Model	KTA19-G4
Manufacturer	Cummins
Number of cylinders	6
Cylinder arrangement	In-line
Cycle	Four stroke
Induction system	Turbocharged
Compression ratio	14.5:1
Bore x Stroke	159 x 159 mm
Displacement L	18.9
Estimated total weight (dry) kg	1855
Rated power at 1500rpm KW/HP	448/600
Lubrication oil capacity L	50
Coolant capacity L	66
Governor method	Electronic
Starting system	Electric
Type of injection model	Direct Injection Cummins PT
110% Fuel Consumption (prime) L/H	121
100% Fuel Consumption (prime) L/H	107
75% Fuel Consumption (prime) L/H	95.6
50% Fuel Consumption (prime) L/H	86
Silence Type	Industrial
Lube Oil brand	15W40-CH4 Upgrade
Cooling System	Water cooled

Alternator Specification

Model	HCI544C
Frequency and Speed	50Hz/1500rpm
Manufacturer	Stamford
Prime capacity(kVA)	500
Exciter type	Brushless
Insulation	Class H
Protection	IP23
Rated power factor	0.8
Stator winding	Double layer concentric
Winding pitch	two thirds
Winding leads	12
Maximum over speed	2250Rev/min
THF (Wave Form IEC)	<2%
TIF (Wave Form NEMA)	<50
Voltage regulation	1.00%