

SCG6S

Silent Type

Powered By Kubota



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).

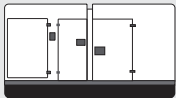
Optional: Water jacket heater, oil preheater, anti-condensation heater, fuel water separator, fuel heater, fuel level sensor, water level sensor, automatic fueling system (only supporting base frame including fuel tank).

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 Kubota engine with reliable power output
- >> Easy maintenance and operation
- >> Compact design
- >> With forklift pockets and lift point for transportation
- >> Suitable for all weather conditions

Basic Information



Engine		Kubota Z482
Alternator		Sincro EK2LAA
Controller		Smartgen HGM420
Prime Power	KVA/KW	5.5/5.5
Standby Power	KVA/KW	6.0/6.0
Rated Speed	RPM	3000
Rated Frequency	HZ	50
Rated Voltage	V	240
Phase		1
Power Factor		1
Governer method		Mechanical
Rated Current	A	22.9
Fuel Consumption @ 100% Load	L/H	2.4
Dimmension	LxWxH mm	1500*800*1250
Dry Weight	Kg	495
Fuel Tank Size	L	100
Noise Level @ 7 meters	dBA	72

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.

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Engine Specification

Model	Z482
Manufacturer	Kubota
Number of cylinders	2
Cylinder arrangement	Vertical
Cycle	Four stroke
Induction system	Natural aspirated
Compression ratio	23.5:1
Bore x Stroke	67x68 mm
Displacement L	0.479
Estimated total weight (dry) kg	80
Rated power at 3000rpm KW	8.3
Lubrication oil capacity L	2.5
Coolant capacity L	4.1
Fan	Pusher
Silencer type	Industrial
Type of Fuel	No.2-D S500 OR S15
Type of oil	Class CF lubricating oil
Type of coolant	Glycol mixture
Maximum back pressure	9.33 kpa
Intake Resistance	2.45 kpa
Alternator capacity V-A	12 - 40
Starter capacity V-KW	12 -0.8
Governor method	Mechanical
Starting system	Electric

Alternator Specification

Model	EK2LAA
Frequency and Speed	50Hz/3000rpm
Manufacturer	Sincro
Prime capacity(kVA)	6
Exciter type	Self-regulated
Insulation	Class H
Protection	IP23
Rated power factor	1
On request battery charger	12 Vdc 10A