

# SCG30S3

## 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).

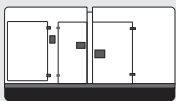
**Optional:** Water jacket heater, oil preheater, anti-condensation heater, fuel water separator, fuel heater, fuel level sensor, water level sensor, automatic fueling system (only supporting base frame including fuel tank).

**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 V3300-BG
Alternator		Stamford PI144G
Controller		Smartgen HGM6120
Prime Power	KVA/KW	30/24
Standby Power	KVA/KW	33/26.4
Rated Speed	RPM	1500
Rated Frequency	HZ	50
Rated Voltage	V	415/240
Phase		3
Power Factor		0.8
Governer method		Mechanical
Rated Current	A	41.7
Fuel Consumption @ 100% Load	L/H	7.7
Dimmension	LxWxH mm	2260*948*1563
Dry Weight	Kg	1200
Fuel Tank Size (75%-24H)	L	220
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	V3300-BG
Manufacturer	Kubota
Number of cylinders	4
Cylinder arrangement	Vertical
Cycle	Four stroke
Induction system	Natural aspirated
Compression ratio	22.6:1
Bore x Stroke	98X110mm
Displacement L	3.318
Estimated total weight (dry) kg	241
Rated power at 1500rpm KW/HP	26.3/35.8
Lubrication oil capacity L	13.2
Coolant capacity L	8.2
Fuel injection pressure	13.73 MPa
Silencer type	Industrial
Type of Fuel	No.2-D(ASTMD975)
Type of oil	Class CF lubricating oil
Type of coolant	Glycol mixture
Maximum back pressure	7.07 kpa
Intake Resistance	1.96 kpa
Alternator capacity V-A	12 - 45
Starter capacity V-KW	12 -2.5
Governor method	All Speed Mechanical Governor
Starting system	Electric

#### Alternator Specification

Model	PI144G
Frequency and Speed	50Hz/1500rpm
Manufacturer	Stamford
Prime capacity(kVA)	30
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%