

SILENT STAR

SERIES PSS 5.7 TO 12kVA

Configuration:

stamped plate body and steel tube frame, direct coupling, rubber vibrating dampers, painting with epoxy powder, battery holder, wheels.

Switch-board:



in ABS with: LED-voltmeter, -ammeter, -frequencymeter, -hourmeter.

Lights for: low battery voltage, emergency stop, insulation fault, fuel reserve, low oil level (6000-SE, 6000-TSE), low oil pressure, high engine temperature (9000-SE, 9000-TSE, 12000-SE, 12000-TSE), engine running, automatic starting failure, key on MAN and AUTO position

Push-buttons for: start, stop and insulation device test; key selector (OFF-MAN-AUTO); No. 2 magnetothermic circuit breakers, No. 2 sockets; terminal board for getting full power on model 12000-SE

Features:

device which stops the engine for: low oil level (models 6000-SE, 6000-TSE), low oil pressure, high engine temperature (on models 9000-SE, 9000-TSE, 12000-SE, 12000-TSE), minimum and maximum voltage, overload, minimum and maximum frequency, insulation fault; overload/short-circuit protections; fitting for controlling the unit by means of remote control or automatic control panel.

Standard equipment:

instructions manual, starting battery.

Optional accessories:

remote control, remote radio control 50m, automatic control panel, extension pipe for exhaust, trailer for moving manually, trailer for slow towing, handle for hoisting.

TECHNICAL DATA FOR THE SINGLE-PHASE AND THREE PHASE GENERATING SETS

MODEL		6000-SE	9000-SE	12000-SE	6000-TSE	9000-TSE	12000-TSE
PERFORMANCES							
max. Power 3x400V 3~ 50Hz	kVA	-	-	-	6	9	12
max. Power 230V 1~ 50Hz	kVA	5.7	8.7	11.5	3*	4.5*	4.5*
Power factor	cos φ	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE							
Make		Lombardini	Briggs&Stratton	Briggs&Stratton	Lombardini	Briggs&Stratton	Briggs&Stratton
Model		LGA 340	Vanguard 16HP	Vanguard 18HP	LGA 340	Vanguard 16HP	Vanguard 18HP
Cylinders	No.	1	2-V	2-V	1	2-V	2-V
Displacement	c.c.	338	480	570	338	480	570
Maximum power	kW	8	12	13.4	8	12	13.4
Speed	R.P.M.	3000	3000	3000	3000	3000	3000
Cooling		air	air	air	air	air	air
Starting		12V electric	12V electric	12V electric	12V electric	12V electric	12V electric
Fuel		petrol	petrol	petrol	petrol	petrol	petrol
ALTERNATOR							
Type		synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Protection degree		IP23	IP23	IP23	IP23	IP23	IP23
Insulation class		H	H	H	H	H	H
OTHER SPECIFICATIONS							
Oil sump capacity	litres	1.2	1.66	1.66	1.2	1.66	1.66
Fuel tank capacity	litres	20	20	20	20	20	20
Fuel consumption full load	l/h	2.5	4	5	2.5	4	5
Noise level at 7m	LWA/dB(A)	88 / 63	88 / 63	89 / 64	88 / 63	88 / 63	89 / 64
Dimensions L/W/H	mm	1050x540x890	1050x540x890	1250x540x890	1050x540x890	1050x540x890	1250x540x890
Weight	Kg	165	180	200	165	180	200

* three-phase generator with one reinforced phase for a better performance as single-phase.