



Technical Data

Model		550kva
Prime power	kva	500
	kw	400
Standby power	kva	550
	kw	440
Rated voltage line to line	V	400
Rated current	A	722
Maximun sound level	dB@7m	75

Engine-Volvo

Model		TAD1651GE
Emission stage		Stage IIIA
Aspiration		In line, Turbo charged,air to air chargecooled
Fuel system		Direct injection
No. cylinders		6
Displacement	L	16,12
Bore*Stroke	mm	144x165
Compression ratio		16.5:1
Rated speed	r/min	1500
Governor		ECU
Engine size	mm	2386x1160x1881
Engine wet weight	kg	1481
Fire order		1-5-3-6-2-4
Start Motor	V	24
Rotation		Anti-clockwise, viewed on the flywheel

Air inlet

Air inlet restriction	kpa	3,5
Max air restriction	kpa	6,5

Fuel system

type of injection system		BOSH
110% load(Standby power)	L/h	114,3
100% load(Prime power)	L/h	103,1
75% load(Prime power)	L/h	80,8
50% load(Prime power)	L/h	56,6
Fuel capacity for silent genset	L	920
Fuel capacity for open genset	L	850

Lubrication System

Oil capacity	L	48
Min oil capacity in sump	L	44
Max oil capacity in sump	L	48
Oil flow	L/min	165
Oil temp (continous operation)	°C	110

Cooling System

Total coolant capacity	L	60
Max top tank temp	°C	104

Standard Features

Engine(Volvo ENGINE)	●
Radiator 50°C max,fans are driven by belt	●
24V charge alternator	●
Alternator: single bearing alternator IP23	●
insulation class H/H	●
Standard auto control system	●
Main line circuit breaker / ACB	●
Base fuel tank	●
24V batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe)	●
Exhaust siphon, flange, muffler	●
User manual	●
Battery charge	●
Water heater	●
PMG	●

Options

Alternator heater	○
One set of air filter, fuel filter, oil filter	○
Water oil separator	○
Daily fuel tank	○
Remote control panel	○
Automatic transfer switch/ATS	○
Switch box	○
Standard: ●	Options:○

Alternator

Model		TAL-A473-C
Alternator Brand		Leroy Somer
Phase		3
Voltage	V	400
Wiring Type		6 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	500
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

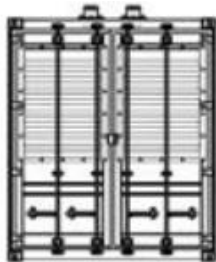
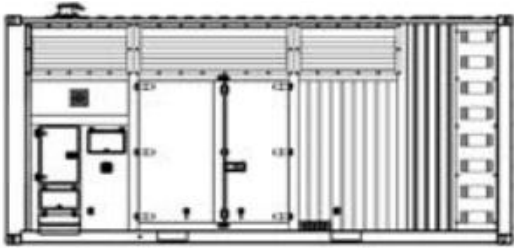
Controller-Deepsea

- Model
- 7 configurable digital inputs
- Built-in governor and AVR control
- Base load (kW export) functionality
- Mains (utility) de-coupling protection
- Generator power (kW, kVA) monitoring
- Overload (kW & kV Ar) protection
- Emergency stop
- Start failure

DSE 7320



Unit Dimensions(Basic unit)



Silent Type		
L*W*H	mm	4400x1600x2400
Weight	kg	5130

Warranty

Volvo Engine

12 months from date of purchase or 1000 hours. (wichever comes first)

Generator

12 months from date of purchase or 1000 hours (whichever comes first).

