

Perkins Generator

Prime: 800KW/1000KVA
Standby: 880KW/1100KVA

Technical Data

Model		1100kva
Prime power	kva	1000
	kw	800
Standby power	kva	1100
	kw	880
Rated voltage line to line	V	400
Rated current	A	1443
Maximun sound level for silent	dB@7m	78

Engine-Perkins

Model	4008-TAG2A	
Aspiration	4 stroke, Vertical, In line, Turbo charged,	
Fuel system	Direct injection	
No. cylinders	8	
Displacement	L	30,561
Bore*Stroke	mm	160x190
Compression ratio	13.6:1	
Rated speed	r/min	1500
Governor	Electric	
Engine size	mm	3852x2046x2067
Engine wet weight	kg	4320
Fire order	1-4-7-6-5-8-5-2-3	
Start Motor	V	24
Rotation	Anti-clockwise, viewed on the flyweel	

Air inlet

clear filter	mm	127
dirty filter	mm	380

Fuel system

type of injection system	Combined unit injector	
Fuel delivery pump pressure	kpa	300

Fuel System

110% load(Standby power)	L/h	286
100% load(Prime power)	L/h	226
75% load(Prime power)	L/h	163
50% load(Prime power)	L/h	109
Fuel capacity for silent genset	L	1460
Fuel capacity for open genset	L	without

Lubrication System

Oil capacity	L	153
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Cooling System

Total coolant capacity	L	149
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Standard Features

Engine(Perkins 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	●

Options

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

Standard: ● Options:○

Alternator

Model		TAL-49-E
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	1000
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

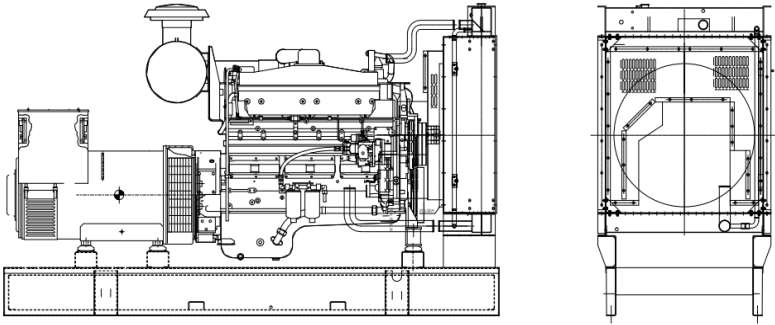
Controller-Deepsea

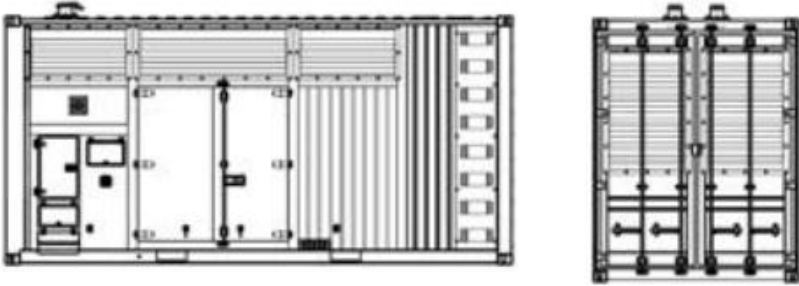
- Model
- 7 configurable digital inputs&Synchro use
- Built-in governor and AVR control
- Base load (kW export) functionality
- Mains (utility) de-coupling protection
- Generator power (kW, kVA) monitoring
- Overload (kW & kV Ar) protection
- Emergency stop
- Start failure

DSE 8610



Unit Dimensions(Basic unit)

		
Open Type		
L*W*H	mm	4500x2050x2150
Weight	kg	7500

		
Silent Type		
L*W*H	mm	6096x2438x2896
Weight	kg	11500

Warranty

Perkins Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours

(whichever comes first).