



Cummins Generator
Prime: 1455KW/1818KVA
Standby: 1600KW/2000KVA

GENERATOR POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.

Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.

Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.

Technical Data

Model		2000kva
Prime power	kva	1818
	kw	1455
Standby power	kva	2000
	kw	1600
Rated voltage line to line	V	400
Rated current	A	2625
Maximun sound level for silent	dB@7m	82

Engine-Cummins

Model		KTA50-G16A
Aspiration		4 stroke, Vertical, V type, Turbo charged, LTA
Fuel system		Direct injection
No. cylinders		16
Displacement	L	50,3
Bore*Stroke	mm	159x159
Compression ratio		14.7:1
Rated speed	r/min	1500
Governor		Electric
Engine wet weight	kg	5410
Engine gross weight	kg	5712
Fire order		1R-1L-3R-3L-2R-2L-5R-4L-8R-8L-6R-6L-7R-7L-4R-5L
Start Motor	V	24
Rotation		Anti-clockwise, viewed on the flyweel

Air inlet system

clear filter	kpa	6,2
dirty filter	kpa	3,7

Exhaust system

max pressure for standby	kpa	6,8
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Fuel System

110% load(Standby power)	L/h	432
100% load(Prime power)	L/h	403
75% load(Prime power)	L/h	302
50% load(Prime power)	L/h	210
25% load(Prime power)	L/h	122
Fuel capacity for silent genset	L	3000
Fuel capacity for open genset	L	without

Lubrication System

Oil capacity	L	235
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Cooling System

Total coolant capacity	L	140,1
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Standard Features

- Engine(Perkins Cummins)
- 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

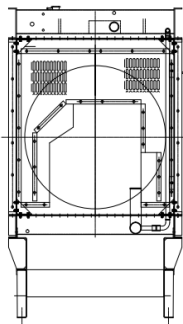
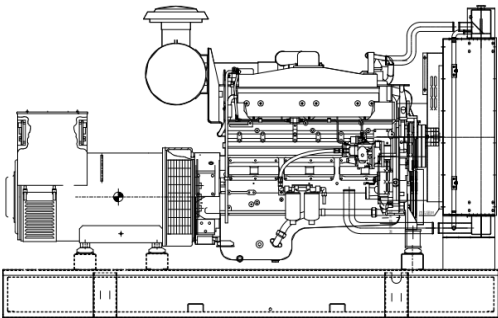
Model		LSA52.3 S5
Alternator Brand		Leroy Somer
Phase		3
Voltage	V	400
Wiring Type		6 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	1860
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

Controller-Deepsea

Model	DSE 8610
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	

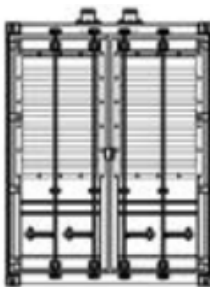
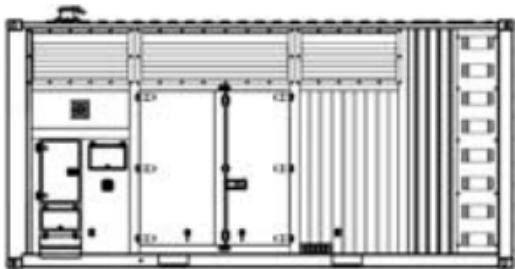


Unit Dimensions(Basic unit)



Open Type

L*W*H	mm	± 6200x2050x2350
Weight	kg	± 11093



Silent Type

L*W*H	mm	± 12192x2438x2896
Weight	kg	± 19093

Warranty

Cummins Engine

12 months from date of purchase or 1000 hours.

Generator

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