

Cummins Generator

Prime: 582KW/728KVA
Standby: 640KW/800KVA

Technical Data

Model		800kva
Prime power	kva	728
	kw	582
Standby power	kva	800
	kw	640
Rated voltage line to line	V	400
Rated current	A	1050
Maximun sound level	dB@7m	75

Engine-Cummins

Model	QSK19-G11	
Aspiration	4 cycle,in-line,6 cylinders,turbocharged,Charged air cooled	
Fuel system	Direct Injection Cummins PT	
No. cylinders	6	
Displacement	L	18,9
Bore*Stroke	mm	159x159
Compression ratio	15.0:1	
Rated speed	r/min	1500
Governor	Electric system	
Engine wet weight	kg	1901
Engine idel speed	575-650	
Fire order	1-5-3-6-2-4	
Start Motor	V	24

Exhaust System

Max exhaust back pressure	kPa	5,1
Standard exhaust pipe diameter	mm	127

Air intake System

Max inlet pressure (Dirty air)	kPa	6,2
Max inlet pressure (Clean air)	kPa	3,7

Fuel System

110% load(Standby power)	L/h	167,5
100% load(Prime power)	L/h	151
75% load(Prime power)	L/h	115
50% load(Prime power)	L/h	82
25% load(Prime power)	L/h	43
Fuel capacity for silent genset	L	1065
Fuel capacity for open genset	L	1065

Lubrication System

Idle speed oil pressure	kPa	103
Governed speed oil pressure	kPa	345-483
Max Oil temp	°C	121
Oil capacity	L	84,4

Cooling System

Coolant capacity--Engine only	L	41,5
Max coolant friction head to engine	Kpa	34,5
Max water temp standby/prime powe	°C	104/100

Standard Features

Engine(Cummins 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	●
One set of air filter, fuel filter, oil filter	●
Main line circuit breaker / ACB	●
Base fuel tank	●
Two 24V batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe)	●
Exhaust siphon, flange, muffler	●
User manual	●
Battery charge	●
Water heater	●

Options

Alternator heater	☐
PMG	☐
Water oil separator	☐
Daily fuel tank	☐
Remote control panel	☐
Automatic transfer switch/ATS	☐
Switch box	☐
Standard: ●	Options: ○

Alternator

Model		TAL-A49-B
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	750
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

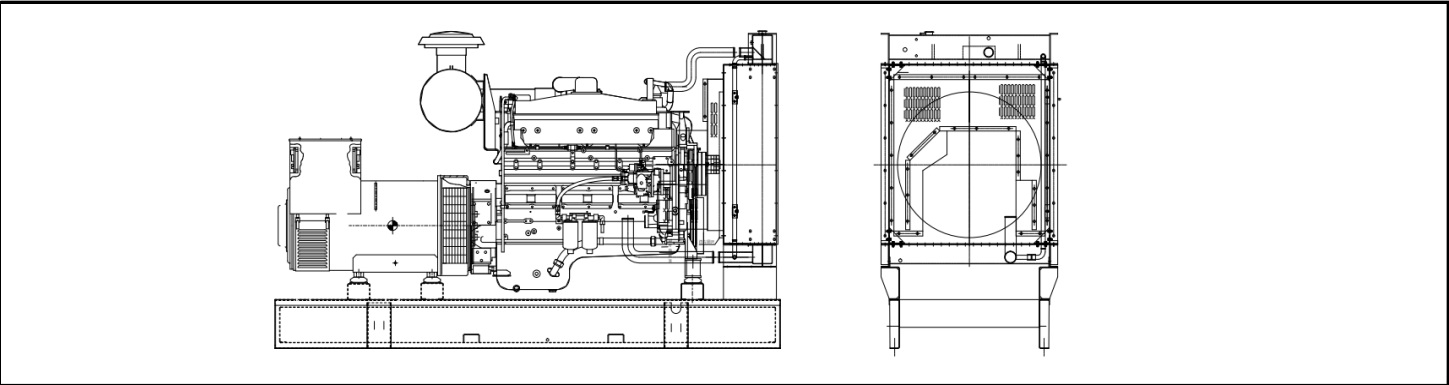
Controller-Deepsea

Model	DSE 7320
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- 7 digital display
- 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

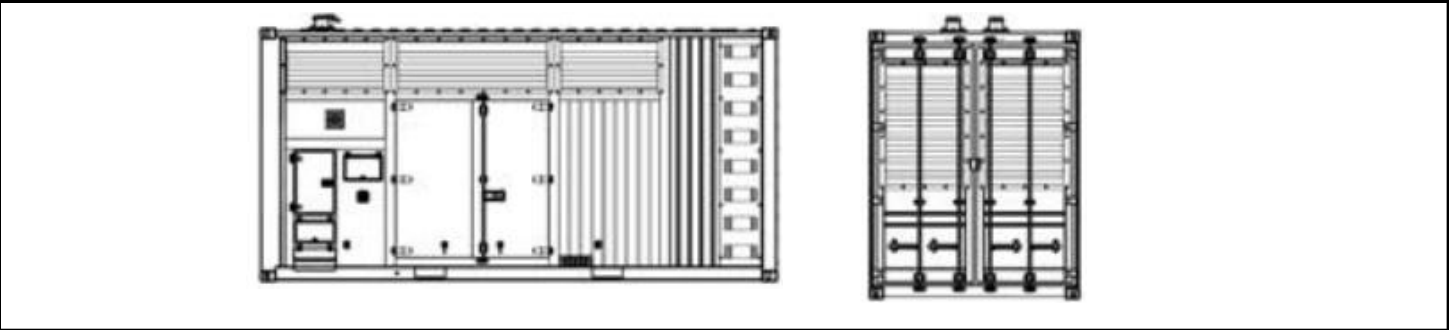


Unit Dimensions(Basic unit)



Open Type

L*W*H	mm	3850x1850x2000
Weight	kg	5300



Silent Type

L*W*H	mm	5000*1950*2500
Weight	kg	6450

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).