

VP POWER SOLUTION, POWER WITHOUT LIMITS

Cummins Generator

Prime: 910KW/1138KVA

Standby: 1000KW/1250KVA



SAFETY

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

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.

Technical Data

Model		CS1250D6
Prime power	kva	1138
	kw	910
Standby power	kva	1250
	kw	1000
Rated voltage line to line	V	220/127
Rated current	A	2985
Maximun sound level	dB@7m	75
ESP Voltage		ESP Amps
480 / 277	A	1503,56
440 / 254	A	1640,25
380 / 220	A	1899,23
220 / 127	A	3280,5
208 / 120	A	3469,75

Engine		CUMMINS
Model		KTA38-G4
Aspiration		4 cycle,vertical,12 cylinders,turbocharged,aftercooled
Fuel system		Direct Injection Cummins PT
No. cylinders		12
Displacement	L	38
Bore*Stroke	mm	159x159
Compression ratio		13.9:1
Rated speed	r/min	1800
Governor		Electric system
Engine wet weight	kg	3719
Engine idel speed		575-650
Fire order		1R-6L-5R-2L-3R-4L-6R-1L-2R-5L-4R-3L
Start Motor	V	24

Exhaust System		
Max exhaust back pressure	kPa	10

Air intake System		
Max inlet pressure (Dirty air)	kPa	6,22
Max inlet pressure (Clean air)	kPa	3,73

Fuel System		
110% load(Standby power)	L/h	275,7
100% load(Prime power)	L/h	250
75% load(Prime power)	L/h	193,6
50% load(Prime power)	L/h	123
25% load(Prime power)	L/h	48,8
Fuel capacity for silent genset	L	1250
Fuel capacity for open genset	L	1000

Lubrication System		
Idle speed oil pressure	kPa	138
Governed speed oil pressure	kPa	310-448
Max Oil temp	°C	121
Oil capacity	L	170,3

Cooling System		
Coolant capacity--Engine only	L	66
Max coolant friction head to engine	Kpa	68,9
Max water temp standby/prime power	°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	•

Options

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

Alternator

STAMFORD

Model		S6L1D-E4
Phase		3
Voltage	V	220
Wiring Type		12 wires
Bearing		1
Power factor		0,8
Frequency	Hz	60
Prime power	KVA	1200
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

Controller

DEEPSEA

Model

DSE 7320

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

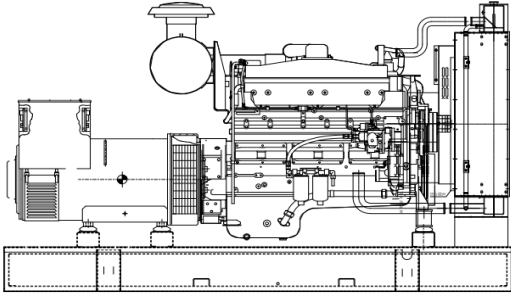
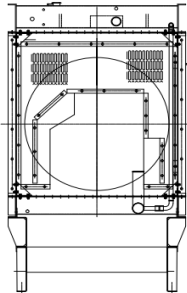
Emergency stop

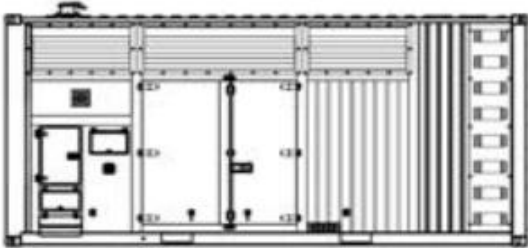
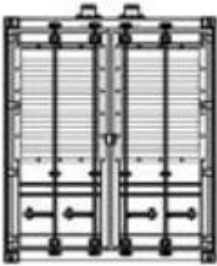
Start failure

Etc...



Unit Dimensions(Basic unit)

		
Open Type		
L*W*H	mm	4400*2000*2520
Weight	kg	7500

		
Silent Type		
L*W*H	mm	5800x2200x2550
Weight	kg	11800

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).