

VP POWER SOLUTION, POWER WITHOUT LIMITS

Cummins Generator

Prime: 360KW/450KVA

Standby: 400KW/500KVA



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		CS500D6
Prime power	kva	450
	kw	360
Standby power	kva	500
	kw	400
Rated voltage line to line	V	220/127
Rated current	A	1181
Maximun sound level	dB@7m	75

ESP Voltage		ESP Amps
480 / 277	A	601.42

440 / 254	A	656.1
380 / 220	A	759.69
220 / 127	A	1312.2
208 / 120	A	1387.9

Engine CUMMINS

Model		6ZTAA13-G2/390KW
Aspiration		4 cycle, in-line, 6 cylinders, turbocharged, charged air cooled
Fuel system		BYC PD/GAC
No. cylinders		6
Displacement	L	13.0L
Bore*Stroke	mm	130*163
Compression ratio		17:01
Rated speed	r/min	1800
Governor		Electric system
Engine wet weight	kg	1265
Engine idel speed		800-1000
Fire order		1-5-3-6-2-4
Start Motor	V	24

Exhaust System

Max exhaust back pressure	kPa	13
Standard exhaust pipe diameter	mm	130

Air intake System

Max inlet pressure (Dirty air)	kPa	6.2
Max inlet pressure (Clean air)	kPa	3.2

Fuel System

110% load(Standby power)	L/h	103.3
100% load(Prime power)	L/h	95.6
75% load(Prime power)	L/h	68.6
50% load(Prime power)	L/h	45.3
25% load(Prime power)	L/h	25.7
Fuel capacity for silent genset	L	850
Fuel capacity for open genset	L	750

Lubrication System

Idle speed oil pressure	kPa	82.7
Typical oil pressure range- warm enç	kPa	207.276
Max lube oil flow to all accessories	L/mim	7.57

Total system capacity (standard pan	L	45.42
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Cooling System

Coolant capacity--Engine only	L	23.1
Max coolant friction head to engine	Kpa	75
Max water temp- engine out	°C	102

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	<input type="radio"/>
Alternator heater	<input type="radio"/>
PMG	<input type="radio"/>
Water oil separator	<input type="radio"/>
Daily fuel tank	<input type="radio"/>
Remote control panel	<input type="radio"/>
Automatic transfer switch/ATS	<input type="radio"/>
Switch box	<input type="radio"/>
Standard: ●	Options:○

Alternator

STAMFORD

Model	S4L1S-F4
Phase	3
Voltage	220
Wiring Type	12 wires
Bearing	1
Power factor	0.8

Frequency	Hz	60
Prime power	KVA	480
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

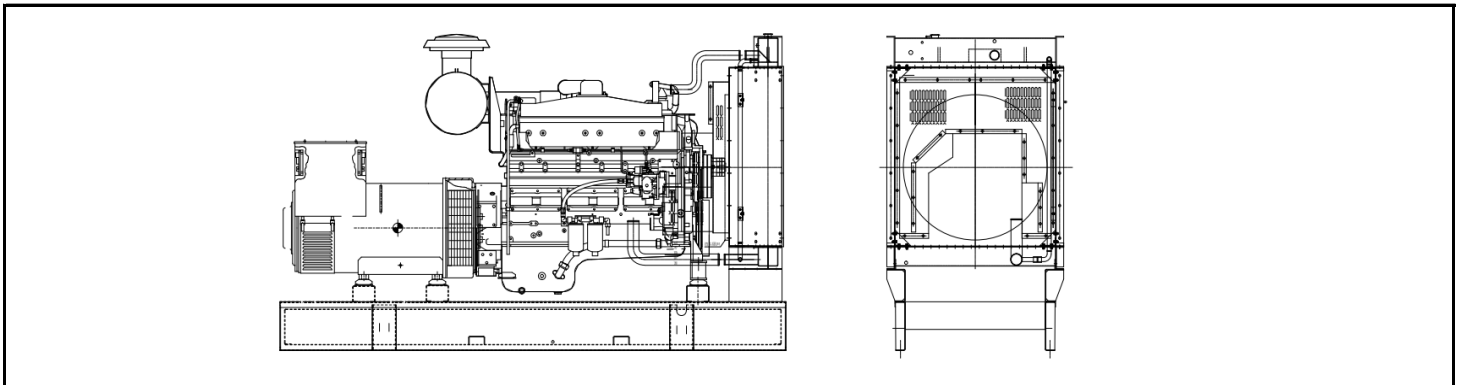
Emergency stop

Start failure

Etc...



Unit Dimensions(Basic unit)



Open Type

L*W*H

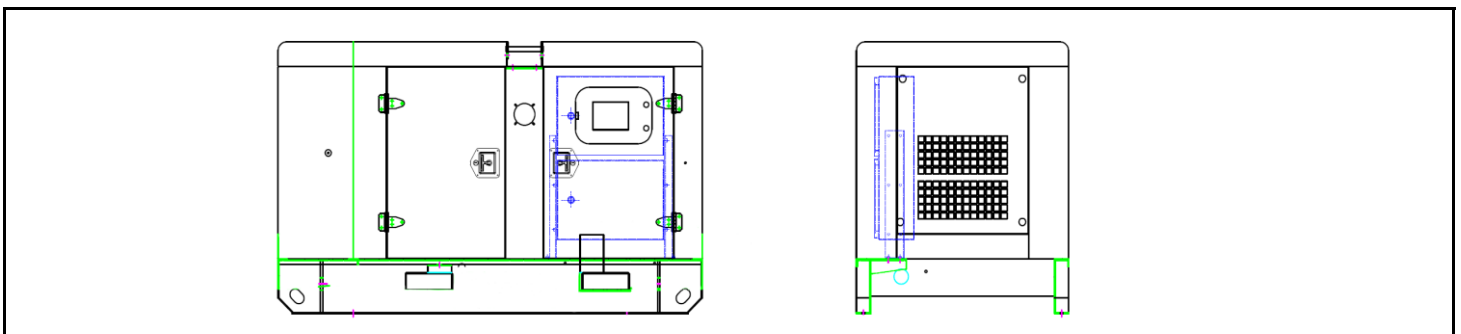
mm

3350*1400*2100

Weight

kg

3700



Silent Type

L*W*H

mm

4400*1600*2450

Weight

kg

4400

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).