

VP POWER SOLUTION, POWER WITHOUT LIMITS

Cummins Generator

Prime: 220KW/275KVA

Standby: 242KW/303KVA



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		CS300D6
Prime power	kva	275
	kw	220
Standby power	kva	303
	kw	242
Rated voltage line to line	V	220/127
Rated current	A	723
Maximun sound level	dB@7m	75

ESP Voltage		ESP Amps
480 / 277	A	363.86

440 / 254	A	396.94
380 / 220	A	459.61
220 / 127	A	793.88
208 / 120	A	839.68

Engine

CUMMINS

Model		6LTAA9.5-G3
Aspiration		Four-stroke,water-cooled,in-line,direct injection,turbocharged, charged air cooled
Fuel system		BYC P7100 GAC
No. cylinders		6
Displacement	L	9.5
Bore*Stroke	mm	116x148
Compression ratio		16.6:1
Rated speed	r/min	1800
Governor		Electric system
Engine wet weight	kg	650
Engine idel speed		800-1000
Fire order		1-5-3-6-2-4
Start Motor	V	24

Exhaust System

Max exhaust back pressure	kPa	10
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Air intake System

Max inlet pressure (Dirty air)	kPa	6
Max inlet pressure (Clean air)	kPa	4

Fuel System

110% load(Standby power)	L/h	72
100% load(Prime power)	L/h	65
75% load(Prime power)	L/h	47
50% load(Prime power)	L/h	33
25% load(Prime power)	L/h	18
Fuel capacity for silent genset	L	520
Fuel capacity for open genset	L	450

Lubrication System

Idle speed oil pressure	kPa	103
Governed speed oil pressure	kPa	276-414
Max Oil temp	°C	121

Oil capacity	L	27.6
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Cooling System

Coolant capacity--Engine only	L	12
Max coolant friction head to engine	Kpa	35
Max water temp standby/prime powe	°C	110/104

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		UCDI274J
Phase		3
Voltage	V	220
Wiring Type		12 wires
Bearing		1
Power factor		0.8

Frequency	Hz	60
Prime power	KVA	281
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

Controller

DEEPSEA

Model

DSE 6120

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

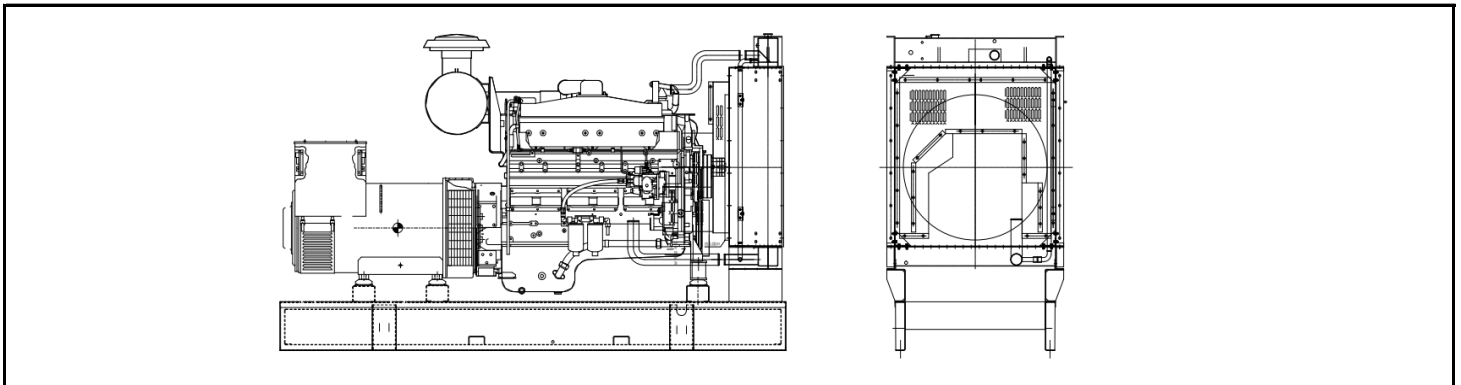
Emergency stop

Start failure

Etc...



Unit Dimensions(Basic unit)



Open Type

L*W*H

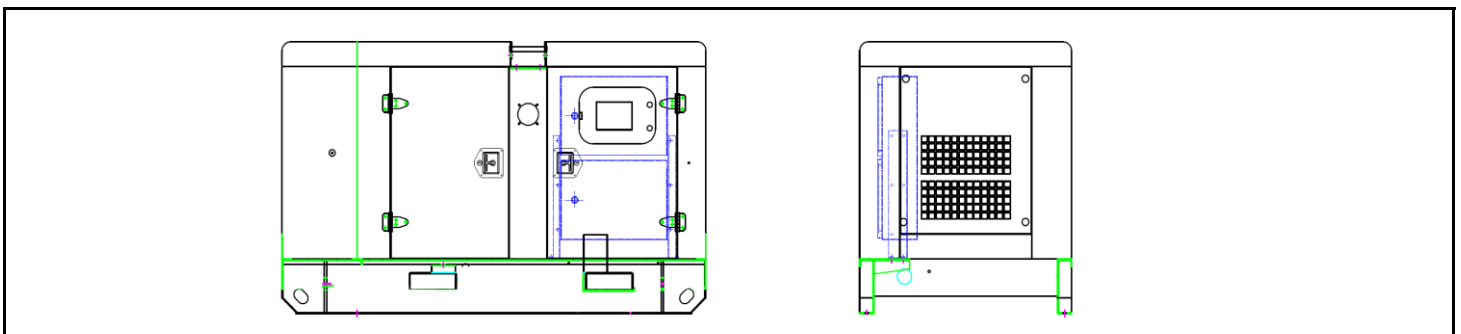
mm

2800*1000*1660

Weight

kg

2500



Silent Type

L*W*H

mm

3900*1300*2070

Weight

kg

2950

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).