



YTO Generator

Prime: 12KW/15KVA

Standby: 14KW/18KVA



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		18KVA
Prime power	kva	15
	kw	12
Standby power	kva	18
	kw	14
Rated voltage	V	230/400
Rated current	A	25.26
Maximun sound level	dB@7m	72
Engine		YTO
Model		YTN4040-23N
Aspiration		Four-stroke, water-cooled, in-line, compression ignition, natural inspiration

No. cylinders		4
Displacement	L	3.6
Bore*Stroke	mm	98x120
Compression ratio		18:1
Rated speed	r/min	1500
Governor		Mechanical system
Engine wet weight	kg	3300±10
Engine dimension	mm	968×5320×840
Fire order		1-3-4-2
Start Motor	V	12

Exhaust System

Exhaust back pressure (nominal)	kPa	6
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Air intake System

Air Temp.	℃	25
Air inlet restriction@max power(nomi	kPa	5

Fuel System

110% load(Standby power)	L/h	6.1
100% load(Prime power)	L/h	5.02
75% load(Prime power)	L/h	4.34
50% load(Prime power)	L/h	3.1
25% load(Prime power)	L/h	2.15
Fuel capacity for silent genset	L	55

Lubrication System

Idle speed oil pressure	kPa	≥98
Governed speed oil pressure	kPa	294~490
Max Oil temp	℃	115
Oil capacity	L	10

Cooling System

Coolant capacity--Engine only	L	5
Maximum top tank temperature	℃	99
Thermostat operating range.	℃	.76~95
Coolant intake pipe size	mm	45
Coolant outlet pipe size	mm	45

Standard Features

Engine(YTO Engine)	●
Radiator 50℃ max,fans are driven by belt	●

12/24V 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	●
One 12V/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



Model		CJ164D/12.8KW
Phase		3
Voltage	V	230/400
Wiring Type		12 wires
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KVA	16
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

Controller

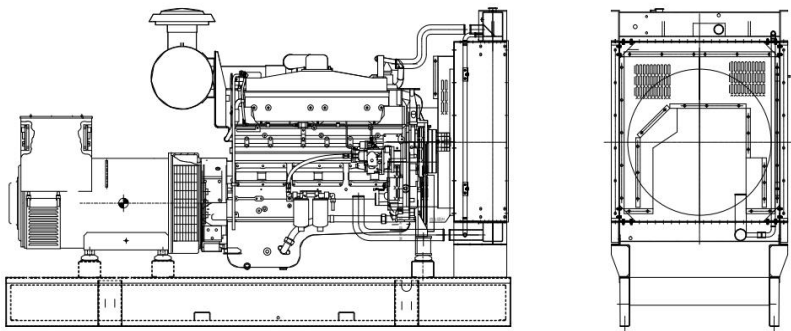
DeepSea

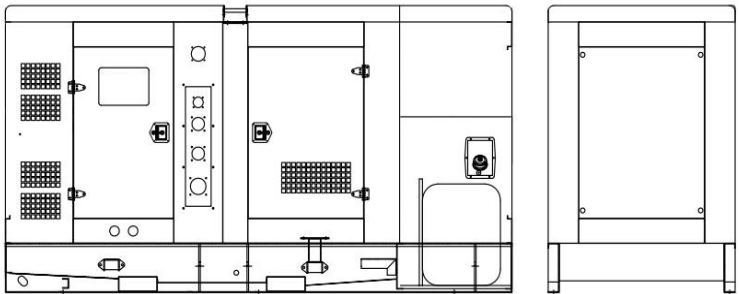
Model	DSE 6120
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Built-in governor and AVR control
 Base load (kW export) functionality
 Mains (utility) de-coupling protection
 Generator power (kW, kVA) monitoring
 Overload (kW & kV Ar) protection
 Emergency stop
 Start failure
 Etc...



Unit Dimensions(Basic unit)

		
Open Type	Dimension & weight just for reference only	
L*W*H	mm	1650*850*1050
Weight	kg	600

		
Silent Type	Dimension & weight just for reference only	
L*W*H	mm	2000*900*1150
Weight	kg	850

Warranty

YTO Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours

(whichever comes first).