



Model DPX-19835

Prime power	kva	100
	kw	80
Standby power	kva	110
	kw	88
Rated voltage line to line	V	400
Rated current	A	144
Maximun sound level	dB@7m	73

Engine-FPT

Model	6BT5.9-G1	
Aspiration	Four-stroke,water-cooled,in-line,direct injection,turbocharged	
No. cylinders	RSV Mechanical pump/Wuxi Weifu	
Displacement	L	6
Bore*Stroke	mm	5,9
Compression ratio		102x120
Rated speed	r/min	17.3:1
Governor		1500
Dry weight	kgs	Electric system
Size	mm	411
Fire order		750-850
Start Motor	V	1-5-3-6-2-4
		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	23,6
100% load(Prime power)	L/h	22,3
75% load(Prime power)	L/h	16,9
50% load(Prime power)	L/h	11,3
25% load(Prime power)	L/h	6,5
Fuel capacity for silent genset	L	120

Lubrication System

Idle speed oil pressure	kPa	207
Governed speed oil pressure	kPa	345
Max Oil temp	°C	121
Oil capacity	L	16,4

Cooling System

Coolant capacity--Engine only	L	7,9
Max coolant friction head to engir	Kpa	35
Max water temp standby/prime pc	°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-A44-D
Alternator Brand		Leroy Somer
Phase		3
Voltage	V	230/400
Wiring Type		12 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	100
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

Controller-Deepsea

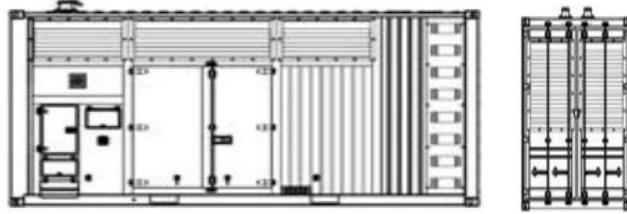
Model	DSE 6120
7 digital display	



- 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)



Silent Type

L*W*H	mm	3030*1050*1300
Weight	kg	1550

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).

