



**Model DPX-19830**

Prime power	kva	25
	kw	20
Standby power	kva	28
	kw	22
Rated voltage line to line	V	400
Rated current	A	36
Maximun sound level	dB@7m	72

**Engine-FPT**

Model		4B3.9-G2
Aspiration		Four-stroke, water-cooled, In line, Natural apirated
No. cylinders		BYC A electrical governor
Displacement	L	4
Bore*Stroke	mm	3,9
Compression ratio		102x120
Rated speed	r/min	18.0:1
Governor		1500
Dry weight	kgs	Electric system
Size	mm	308
Fire order		950-1050
Start Motor	V	1-3-4-2
		24

**Exhaust System**

Max exhaust back pressure	kPa	10
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**Air intake System**

Max inlet pressure (Dirty air)	kPa	6,2
Max inlet pressure (Clean air)	kPa	3,7

**Fuel System**

110% load(Standby power)	L/h	7,5
100% load(Prime power)	L/h	6,7
75% load(Prime power)	L/h	5,2
50% load(Prime power)	L/h	3,9
25% load(Prime power)	L/h	2,7
Fuel capacity for silent genset	L	55

**Lubrication System**

Idle speed oil pressure	kPa	207
Governed speed oil pressure	kPa	345
Max Oil temp	°C	121
Oil capacity	L	10,9

**Cooling System**

Coolant capacity--Engine only	L	7,2
Max coolant friction head to engir	Kpa	35
Max water temp standby/prime pc	°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	●
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-A40-G
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	25
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

### Controller-Deepsea

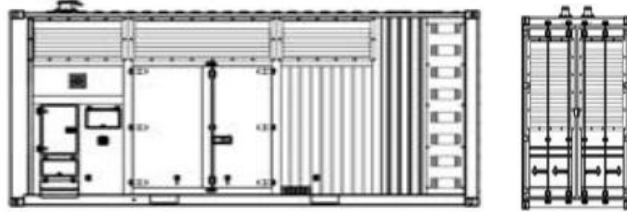
Model	DSE 6120
7 digital display	
Built-in governor and AVR control	



- 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	2280*950*1250
Weight	kg	1080

**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).

