



**Model DPX-20513**

Prime power	kva	500
	kw	400
Standby power	kva	550
	kw	440
Rated voltage line to line	V	400
Rated current	A	721,7
Maximun sound level	dB@7m	75

**Engine-FPT**

Model	CR13TE7W.S550	
Aspiration	Four-stroke, water-cooled, 6 cylinders,in line, turbo charged and air-air cooled	
No. cylinders	6	
Valve per cylinder	12,88	
Displacement	L	135x150
unit Displacement	L	16.5:1
Bore*Stroke	mm	1500
Compression ratio	ECR	
Rated speed	r/min	1360
Governor	2284x1329x1126	
Fire order	1-4-2-6-3-5	
Start Motor	V	24

**Exhaust System**

Max exhaust back pressure	kPa	5
---------------------------	-----	---

**Air intake System**

Max inlet pressure (Dirty air)	kPa	5
Max inlet pressure (Clean air)	kPa	2

**Fuel System**

110% load(Standby power)	L/h	112,6
100% load(Prime power)	L/h	100,6
75% load(Prime power)	L/h	80,2
50% load(Prime power)	L/h	51,5
25% load(Prime power)	L/h	31
Fuel capacity for silent genset	L	800
Fuel capacity for open genset	L	800

**Lubrication System**

Oil max Temperature	°C	120
Oil capacity including filters	L	32
Oil capacity Max	L	28
Oil capacity Low	L	20

## Cooling System

Coolant capacity in engine	L	19,5
Coolant capacity with radiator	L	38,1
Thermostat operating range.	°C	70
Coolant engine flow	L/min	460,525
Coolant Temp range	°C	103

## Standard Features

Engine(FPT Engine)	●
Radiator 50°C 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	●
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-A473-C
Alternator Brand		LEROY SOMER
Phase		3
Voltage	V	400
Wiring Type		6 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	500
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

## Controller-Deepsea

Model

DSE 6120

7 configurable digital inputs

Built-in governor and AVR control

Base load (kW export) functionality

Mains (utility) de-coupling protection

Generator power (kW, kVA) monitoring

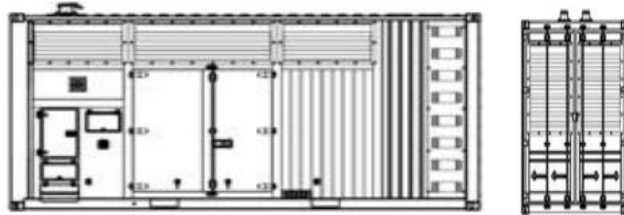
Overload (kW & kV Ar) protection

Emergency stop

Start failure



## Unit Dimensions(Basic unit)



### Silent Type

L\*W\*H

mm

4500x2000x2400

Weight

kg

4200

## Warranty

### FPT Engine

12 months from date of purchase or 1000 hours.

### Generator

12 months from date of purchase or 1000 hours  
(whichever comes first).

