



Model		DPX-19792
-------	--	-----------

Prime power	kva	120
	kw	96
Standby power	kva	132
	kw	106
Rated voltage line to line	V	400
Rated current	A	173,2
Maximun sound level	dB@7m	73

Engine-FPT		
------------	--	--

Model	NEF45TM3.S500	
Aspiration	Four-stroke, water-cooled, 4 cylinders,in line, turbo charged and aftercooled	
No. cylinders	4	
Valve per cylinder	2	
Displacement	L	4,5
unit Displacement	L	1,12
Bore*Stroke	mm	104x132
Compression ratio	17.5:1	
Rated speed	r/min	1500
Governor	Mechannical system	
Fire order	1-3-2-4	
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	30
100% load(Prime power)	L/h	27
75% load(Prime power)	L/h	19,8
50% load(Prime power)	L/h	14,1
25% load(Prime power)	L/h	8
Fuel capacity for silent genset	L	185
Fuel capacity for open genset	L	200

Lubrication System		
--------------------	--	--

Oil max Temperature	°C	120
Oil capacity inlcuding filters	L	12,8
Oil capacity Max	L	8,5
Oil capacity Low	L	5,5

Cooling System

Coolant capacity in engine	L	8,5
Coolant capacity with radiator	L	10
Thermostat operating range.	°C	78~96
Coolant engine flow	L/min	103
Coolant Temp range	°C	83~99

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-A44-E
Alternator Brand	LEROY SOMER
Phase	3
Voltage	400
Wiring Type	6 wires
Bearing	1
Power factor	0,8
Frequency	50
Prime power	125
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

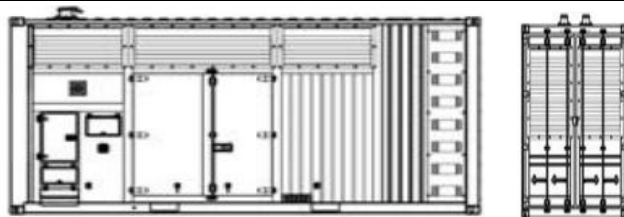
Overload (kW & kV Ar) protection

Emergency stop

Start failure



Unit Dimensions(Basic unit)



Silent Type

L*W*H

mm

2850x1050x1550

Weight

kg

1650

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).

