

Iveco Generator

Prime: 136KW/170KVA
Standby: 150KW/188KVA

Technical Data

Model		DPX-19793
Prime power	kva	170
	kw	136
Standby power	kva	188
	kw	150
Rated voltage line to line	V	400
Rated current	A	245,4
Maximun sound level	dB@7m	73

Engine-FPT

Model		NEF67TM4.S500
Aspiration		Four-stroke, water-cooled, 6 cylinders,in line, turbo charged and aftercooled
No. cylinders		6
Valve per cylinder		2
Displacement	L	6,7
	unit Displacement	1,12
Bore*Stroke	mm	104x132
Compression ratio		17.5:1
Rated speed	r/min	1500
Governor		Mechannical system
Fire order		1-5-3-6-2-4
Start Motor	V	24

Exhaust System

Max exhaust back pressure	kPa	5
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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	41
100% load(Prime power)	L/h	35,4
75% load(Prime power)	L/h	26,7
50% load(Prime power)	L/h	17,4
25% load(Prime power)	L/h	11,2
Fuel capacity for silent genset	L	224
Fuel capacity for open genset	L	224

Lubrication System

Oil max Temperature	°C	120
Oil capacity including filters	L	17,2
Oil capacity Max	L	12
Oil capacity Low	L	8

Cooling System

Coolant capacity in engine	L	10,5
Coolant capacity with radiator	L	15
Thermostat operating range.	°C	78~96
Coolant engine flow	L/min	141
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-L
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	180
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

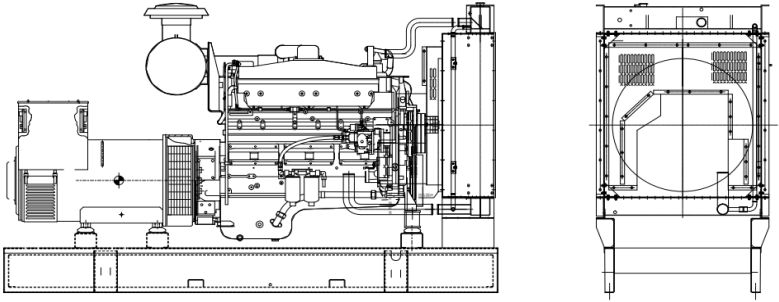
Overload (kW & kV Ar) protection

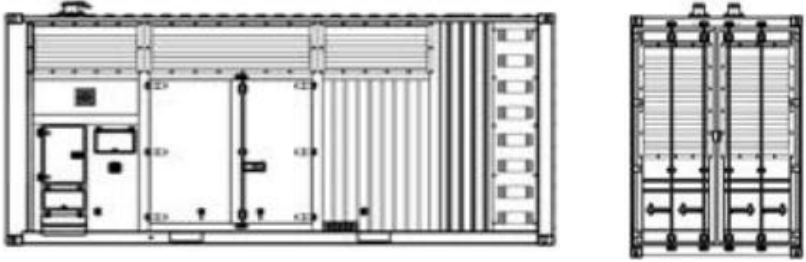
Emergency stop

Start failure



Unit Dimensions(Basic unit)

		
Open Type		
L*W*H	mm	2500*1000*1550
Weight	kg	1950

		
Silent Type		
L*W*H	mm	3300*1200*1970
Weight	kg	2350

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).

