



Model DPX-18001.1

Prime power	kva	25
	kw	20
Standby power	kva	28
	kw	22
Rated voltage line to line	V	230/400
Rated current	A	36
Maximun sound level	dB@7m	70

Engine-Perkins

Model		404-22TG
Aspiration		Four-stroke, water-cooled, In line, Turbo charged
Fuel system		Direct injection
No. cylinders		4
Displacement	L	2,216
Bore*Stroke	mm	84x100
Compression ratio		23.3:1
Rated speed	r/min	1500
Governor		electrical
Engine size	mm	973x590x973
Engine wet weight	kg	242
Fire order		1-3-4-2
Start Motor	V	12
Rotation		Anti-clockwise, viewed on the flyweel

Air inlet

Air inlet	mounted air filter
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Fuel system

mechanical governor	cassette type fuel pump
fuel filter	split element type

Fuel System

110% load(Standby power)	L/h	8,3
100% load(Prime power)	L/h	7,1
75% load(Prime power)	L/h	5
50% load(Prime power)	L/h	3,5
Fuel capacity for silent genset	L	55
Fuel capacity for open genset	L	55

Lubrication System

Oil capacity	L	10,6
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Cooling System

Total coolant capacity	L	9,3
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Standard Features

Engine(Perkins ENGINE)	●
Radiator 50°C max,fans are driven by belt	●
12V charge alternator	●
Alternator: single bearing alternator IP23	●
insulation class H/H	●
Standard auto control system	●
Main line circuit breaker / ACB	●
Base fuel tank	●
12V batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe)	●
Exhaust siphon, flange, muffler	●
User manual	●
Battery charge	●

Options

Water heater	○
Alternator heater	○
One set of air filter, fuel filter, oil filter	○
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 configurable digital inputs

Built-in governor and AVR control

Base load (kW export) functionality

Mains (utility) de-coupling protection

Generator power (kW, kVA) monitoring

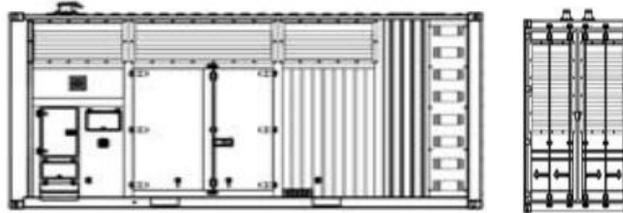
Overload (kW & kV Ar) protection

Emergency stop

Start failure



Unit Dimensions(Basic unit)



Silent Type

L*W*H

mm

2100x900x1250

Weight

kg

1000

Warranty

Perkins Engine

12 months from date of purchase or 1000 hours.

Generator

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

