



**Model DPX-18008.1**

Prime power	kva	180
	kw	144
Standby power	kva	200
	kw	160
Rated voltage line to line	V	230/400
Rated current	A	259,2
Maximun sound level	dB@7m	75

**Engine-Perkins**

Model		1106A-70TAG3
Aspiration		Four-stroke, water-cooled, In line, Turbo charged aftercooled
Fuel system		Direct injection
No. cylinders		6
Displacement	L	7,01
Bore*Stroke	mm	105x135
Compression ratio		16:1
Rated speed	r/min	1500
Governor		mechanical
Engine size	mm	1763x756x1142
Engine wet weight	kg	788
Fire order		1-5-3-6-2-4
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	rotary type fuel pump
fuel filter	Ecoplus fuel filter

**Fuel System**

110% load(Standby power)	L/h	44,6
100% load(Prime power)	L/h	41,6
75% load(Prime power)	L/h	31,8
50% load(Prime power)	L/h	20,1
Fuel capacity for silent genset	L	225
Fuel capacity for open genset	L	225

**Lubrication System**

Oil capacity	L	16,5
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**Cooling System**

Total coolant capacity	L	21
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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-A44-L
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	181,25
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

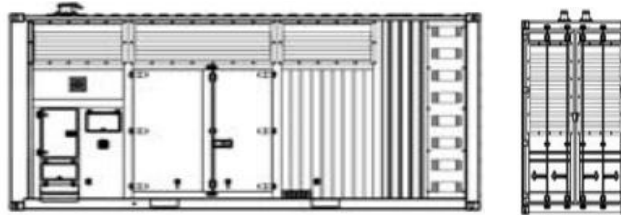
Overload (kW & kV Ar) protection

Emergency stop

Start failure



## Unit Dimensions(Basic unit)



### Silent Type

L\*W\*H

mm

2700\*950\*1450

Weight

kg

2400

## 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).

