

Perkins Beinei Generator

Prime: 16KW/20KVA
Standby: 18KW/22KVA

Technical Data

Model		DPX-20900
Prime power	kva	20
	kw	16
Standby power	kva	22
	kw	18
Rated voltage line to line	V	230/400
Rated current	A	28,8
Maximun sound level	dB@7m	70

Engine-Perkins imitation

Model		4D22-D5
Aspiration		Four-stroke, water-cooled, In line, Natural apirated
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		Mechanical
Engine size	mm	840x462x787
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	6,9
100% load(Prime power)	L/h	6,2
75% load(Prime power)	L/h	4,8
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	7
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Standard Features

Engine(Perkins ENGINE imitation)	●
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	●
Water heater	●

Options

Alternator heater	<input type="radio"/>
One set of air filter, fuel filter, oil filter	<input type="radio"/>
PMG	<input type="radio"/>
Water oil separator	<input type="radio"/>
Daily fuel tank	<input type="radio"/>
Remote control panel	<input type="radio"/>
Automatic transfer switch/ATS	<input type="radio"/>
Switch box	<input type="radio"/>

Standard: ● Options: ○

Alternator

Model		TAL-40-F
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	20
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

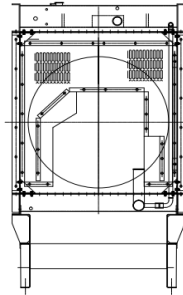
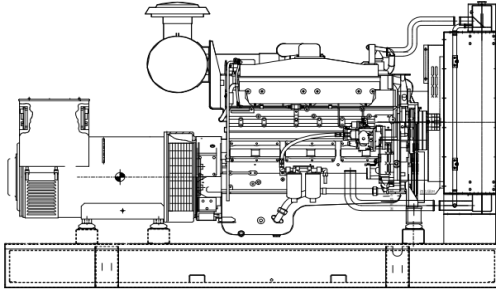
Controller-Deepsea

- Model
- 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

DSE 6120

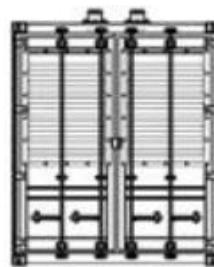
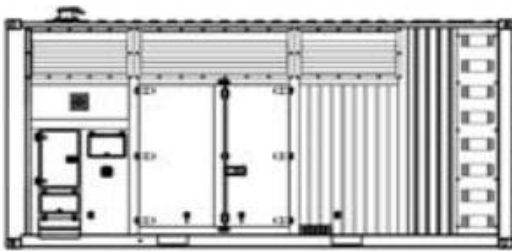


Unit Dimensions(Basic unit)



Open Type

L*W*H	mm	1450*800*1100
Weight	kg	580



Silent Type

L*W*H	mm	2100*900*1250
Weight	kg	780

Warranty

Perkins imitation Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours

(whichever comes first).

