



Technical Data

Model		AJ- 50P
Prime power	kva	45
	kw	36
Standby power	kva	50
	kw	40
Rated voltage line to line	V	230/400
Rated current	A	64,8
Maximum sound level	dB@7m	70

Engine-Perkins

Model		1103A-33TG1
Aspiration		Four-stroke, water-cooled, In line, Turbo charged
Fuel system		Direct injection
No. cylinders		3
Displacement	L	3,3
Bore*Stroke	mm	105x127
Compression ratio		17.25:1
Rated speed	r/min	1500
Governor		mechanical
Engine size	mm	1049x634x951
Engine wet weight	kg	420
Fire order		1-2-3
Start Motor	V	12
Rotation		Anti-clockwise, viewed on the flywheel

Air Inlet

Air inlet	mounted air filter
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Fuel System

mechanical governor	cassette type fuel pump
fuel filter	next generator fuel filter

Fuel System

110% load(Standby power)	L/h	11,7
100% load(Prime power)	L/h	10,8
75% load(Prime power)	L/h	8,23
50% load(Prime power)	L/h	5,83
Fuel capacity	L	87

Lubrication System

Oil capacity	L	7,9
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Cooling System

Total coolant capacity	L	10,2
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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-A42-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	45
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

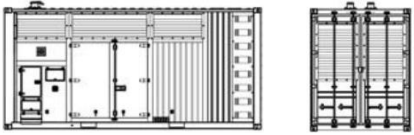
Controller-Deepsea

Model	DSE 6120
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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)

		
L*W*H	mm	2290x970x1330
Weight	kg	1.048

Warranty

Perkins Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours



YOUR INTERNATIONAL PARTNER FOR
NEW AND USED GENERATOR SETS