



## Technical Data

Model		AJ- 33P
Prime power	kva	30
	kw	24
Standby power	kva	33
	kw	26,4
Rated voltage line to line	V	230/400
Rated current	A	43,2
Maximun sound level	dB@7m	70

### Engine-Perkins

Model	1103A-33G	
Aspiration	Four-stroke, water-cooled, In line, Natural apirated	
Fuel system	Direct injection	
No. cylinders	3	
Displacement	L	3,3
Bore*Stroke	mm	105x127
Compression ratio	19.25:1	
Rated speed	r/min	1500
Governor	mechanical	
Engine size	mm	1029x629x951
Engine wet weight	kg	412
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	8,1
100% load(Prime power)	L/h	7,2
75% load(Prime power)	L/h	5,61
50% load(Prime power)	L/h	4,06
Fuel capacity	L	87

### Lubrication System

Oil capacity	L	8,3
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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-C
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	30
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

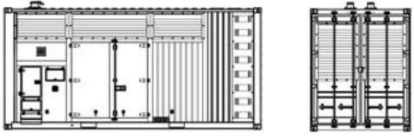
### Controller-Deepeer

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)

		
L*W*H	mm	2110x970x1320
Weight	kg	956

### Warranty

#### Perkins Engine

12 months from date of purchase or 1000 hours.

#### Generator

12 months from date of purchase or 1000 hours



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