



## Technical Data

Model		AJ- 66C
Prime power	kva	60
	kw	48
Standby power	kva	66
	kw	53
Rated voltage line to line	V	230/400
Rated current	A	86,4
Maximun sound level	dB@7m	72

Engine-Cummins		
Model		4BTA3.9-G2
Aspiration		Four-stroke, water-cooled, in-line, direct injection, turbocharged
Fuel system		BYC PB GAC/24V
No. cylinders		4
Displacement	L	3,9
Bore*Stroke	mm	102x120
Compression ratio		17.3:1
Rated speed	r/min	1500
Governor		Electric system
Engine wet weight	kg	355
Engine idel speed		950-1050
Fire order		1-3-4-2
Start Motor	V	24

Exhause System		
Max exhaust back pressure	kPa	10
Exhaust pipe size	mm	75

Air intake System		
Max inlet pressure (Dirty air)	kPa	6
Max inlet pressure (Clean air)	kPa	4

Fuel System		
110% load(Standby power)	L/h	16,4
100% load(Prime power)	L/h	15
75% load(Prime power)	L/h	11,6
50% load(Prime power)	L/h	8,1
25% load(Prime power)	L/h	4,9
Fuel capacity	L	135

Lubrication System		
Idle speed oil pressure	kPa	207
Governed speed oil pressure	kPa	345
Max Oil temp	°C	121
Oil capacity	L	10,9

Cooling System		
Coolant capacity--Engine only	L	8,3
Max coolant friction head to engine	Kpa	35
Max water temp standby/prime power	°C	104/100

Standard Features		
Engine(Cummins ENGINE)		●
Radiator 50°C max,fans are driven by belt		●
24V charge alternator		●
Alternator: single bearing alternator IP23		●
insulation class H/H		●
Standard auto control system		●
One set of air filter, fuel filter, oil filter		●
Main line circuit breaker / ACB		●
Base fuel tank		●
Two 24V batteries, rac and cable		●
Exhaust system(Ripple flex exhaust pipe)		●
Exhaust siphon, flange, muffler		●
User manual		●
Battery charge		●

Options		
Water heater		○
Alternator heater		○
PMG		○
Water oil separator		○
Daily fuel tank		○
Remote control panel		○
Automatic transfer switch/ATS		○
Switch box		○
Standard: ●	Options: ○	

### Alternator

Model		S1L2-Y1
Alternator Brand		Stamford
Phase		3
Voltage	V	230/400
Wiring Type		12 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	62,5
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

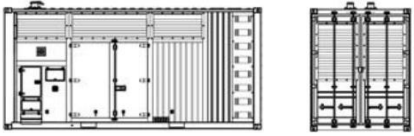
### Controller-Deepsea

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	2400x1000x1350
Weight	kg	1.214

### Warranty

#### Cummins Engine

12 months from date of purchase or 1000 hours.

#### Generator

12 months from date of purchase or 1000 hours



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**NEW AND USED GENERATOR SETS**