



Technical Data

Model		AJ- 220C
Prime power	kva	200
	kw	160
Standby power	kva	220
	kw	176
Rated voltage line to line	V	230/400
Rated current	A	288
Maximum sound level	dB@7m	73

Engine-Cummins

Model	6CTAA8.3-G2	
Aspiration	Four-stroke,water-cooled,in-line,direct injection,turbocharged, charged air cooled	
Fuel system	BYC P7100 electric governor	
No. cylinders	6	
Displacement	L	8,3
Bore*Stroke	mm	114x135
Compression ratio	18.0:1	
Rated speed	r/min	1500
Governor	Electric system	
Engine wet weight	kg	684
Engine idel speed	750-850	
Fire order	1-5-3-6-2-4	
Start Motor	V	24

Exhaust System

Max exhaust back pressure	kPa	10,1
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Air intake System

Max inlet pressure (Dirty air)	kPa	6,2
Max inlet pressure (Clean air)	kPa	3,7

Fuel System

110% load(Standby power)	L/h	51
100% load(Prime power)	L/h	45
75% load(Prime power)	L/h	34
50% load(Prime power)	L/h	23
25% load(Prime power)	L/h	13
Fuel capacity	L	350

Lubrication System

Idle speed oil pressure	kPa	103
Governed speed oil pressure	kPa	276-414
Max Oil temp	°C	121
Oil capacity	L	27,6

Cooling System

Coolant capacity--Engine only	L	12,3
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		UCI274H
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	200
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	3400x1200x1830
Weight	kg	2.430

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