



Technical Data

Model AJ- 165P

Prime power	kva	150
	kw	120
Standby power	kva	165
	kw	132
Rated voltage line to line	V	230/400
Rated current	A	216
Maximun sound level	dB@7m	75

Engine-Perkins

Model		1106A-70TAG2
Aspiration		Four-stroke, water-cooled, In line, Turbo charged aftercooled
Fuel system		Direct injection
No. cylinders		6
Displacement	L	7,01
Bore*Stroke	mm	105x135
Compression ratio		16:1
Rated speed	r/min	1500
Governor		mechanical
Engine size	mm	1763x756x1142
Engine wet weight	kg	788
Fire order		1-5-3-6-2-4
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	Ecoplus fuel filter

Fuel System

110% load(Standby power)	L/h	36,1
100% load(Prime power)	L/h	33,4
75% load(Prime power)	L/h	24,7
50% load(Prime power)	L/h	16,4
Fuel capacity	L	320

Lubrication System

Oil capacity	L	16,5
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Cooling System

Total coolant capacity	L	21
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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-44-J
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	150
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	3050x1050x1730
Weight	kg	1.886

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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NEW AND USED GENERATOR SETS