



## Technical Data

Model		220kva
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 for silent	dB@7m	75

### Engine-Baudouin

Model	6M16G220/5	
Aspiration	4 stroke,6 cylinders,In line, turbocharged and after cooled	
Cylinder/Valve		6/12
Displacement	L	9,726
Bore*Stroke	mm	126x130
Compression ratio		17:1
Rated speed	r/min	1500
Engine dimension	mm	2075x1041x1249
Governor		Electrical
Engine wet weight	kg	1050
Engine idel speed		750±20
Fire order		1-5-3-6-2-4
Start Motor	V	24

### Exhaust System

Max exhaust back pressure	mbar	120
Standard exhaust pipe diameter	mm	100

### Air intake System

air flow	m3/min	13,3
Min diameter of intake pipe	mm	110

### Fuel System

110% load(Standby power)	L/h	53
100% load(Prime power)	L/h	48,1
75% load(Prime power)	L/h	36,1
50% load(Prime power)	L/h	24
25% load(Prime power)	L/h	13,5
Fuel capacity	L	275

### Lubrication System

Oil capacity low-high	L	22--24
oil pressure in idle speed	bar	1.3--2.8
oil flow	L/min	118
Max Oil temp	°C	105
Oil capacity	L	30

### Cooling System

Coolant capacity--Engine only	L	22
Coolant capacity in radiator&pipe	L	28
Coolant alarm temperature	°C	105
Min inside coolant outlet pipe	mm	45

### Standard Features

Engine(Baudouin 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	●
24V batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe)	●
Exhaust siphon, flange, muffler	●
User manual	●
Battery charge	●
Water heater	●

### Options

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

### Alternator

Model		TAL-A44-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

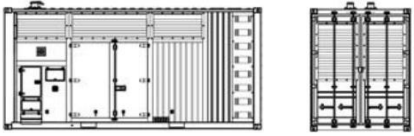
### Controller-Deepsea

Model DSE 6120

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	3600x1300x1970
Weight	kg	2.482

### Warranty

#### Baudouin 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**