



Technical Data

Model		440kva
Prime power	kva	400
	kw	320
Standby power	kva	440
	kw	352
Rated voltage line to line	V	400
Rated current	A	576
Maximum sound level for silent	dB@7m	75

Engine-Baudouin

Model		6M21G440/5
Aspiration	4 stroke,6 cylinders,In line, turbocharged and after cooled	
Cylinder/Valve		6/24
Displacement	L	12,54
Bore*Stroke	mm	127x165
Compression ratio		15:1
Rated speed	r/min	1500
Engine dimension	mm	2163x1136x1359
Governor		Electrical
Engine wet weight	kg	1190
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	26,6
Min diameter of intake pipe	mm	100

Fuel System

110% load(Standby power)	L/h	99,4
100% load(Prime power)	L/h	90,3
75% load(Prime power)	L/h	67,8
50% load(Prime power)	L/h	45,2
25% load(Prime power)	L/h	26,4
Fuel capacity	L	650

Lubrication System

Oil capacity low-high	L	27--30
oil pressure in idle speed	bar	1.3--2.5
oil flow	L/min	180
Max Oil temp	°C	105
Oil capacity	L	32

Cooling System

Coolant capacity--Engine only	L	25
Coolant capacity in radiator&pipe	L	20
Coolant alarm temperature	°C	105
Min inside coolant outlet pipe	mm	75

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-A473-A
Alternator Brand		Leroy Somer
Phase		3
Voltage	V	400
Wiring Type		6 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	410
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	4050x1480x2150
Weight	kg	4.200

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