

Perkins Generator

Prime: 200KW/250KVA
Standby: 225KW/275KVA

Technical Data

Model		275kva
Prime power	kva	250
	kw	200
Standby power	kva	275
	kw	220
Rated voltage line to line	V	400
Rated current	A	361
Maximun sound level	dB@7m	75

Engine-Perkins

Model	1206A-E70TTAG3	
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	15.8:1	
Rated speed	r/min	1500
Governor	ECM	
Engine size	mm	1895x995x1372
Engine wet weight	kg	808
Fire order	1-5-3-6-2-4	
Start Motor	V	12
Rotation	Anti-clockwise, viewed on the flyweel	

Air inlet

Air inlet	mounted air filter
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Fuel system

electric governor	rotary type fuel pump
fuel filter	Ecoplus fuel filter

Fuel System

110% load(Standby power)	L/h	64,5
100% load(Prime power)	L/h	56,9
75% load(Prime power)	L/h	41,5
50% load(Prime power)	L/h	28,1
Fuel capacity for silent genset	L	380
Fuel capacity for open genset	L	380

Lubrication System

Oil capacity	L	16
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Cooling System

Total coolant capacity	L	25
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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	<input type="radio"/>
Alternator heater	<input type="radio"/>
One set of air filter, fuel filter, oil filter	<input type="radio"/>
PMG	<input type="radio"/>
Water oil separator	<input type="radio"/>
Daily fuel tank	<input type="radio"/>
Remote control panel	<input type="radio"/>
Automatic transfer switch/ATS	<input type="radio"/>
Switch box	<input type="radio"/>

Standard: ● Options:○

Alternator

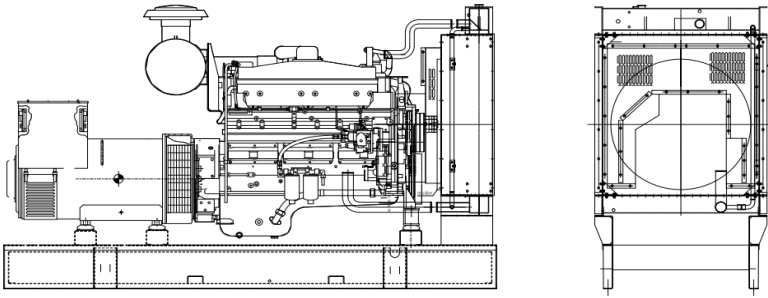
Model		TAL-A46-D
Alternator Brand		Leroy Somer
Phase		3
Voltage	V	400
Wiring Type		6 wires
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	250
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

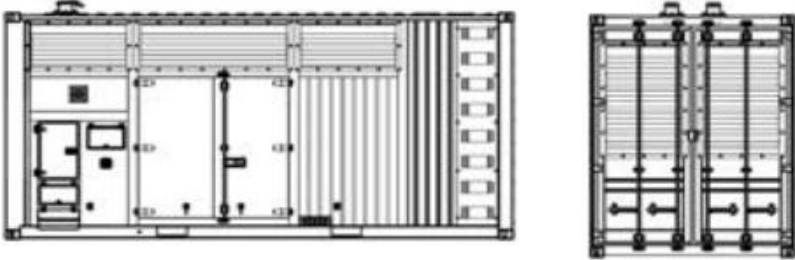
Controller-Deepsea

Model	DSE 7320
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)

			
Open Type			
L*W*H	mm	2900*1050*1600	
Weight	kg	2400	

			
Silent Type			
L*W*H	mm	3700*1250*1870	
Weight	kg	2900	

Warranty

Perkins Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours
(whichever comes first).

