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	Α	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

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	385
Fuel capacity for open genset	L	320
Lubrication System		40
Oil capacity	L	16
Cooling System Total coolant capacity	L	25
rotal coolant capacity	_	23
Standard Features		
Engine(Perkins ENGINE)		•
Radiator 50°C max,fans are driven by	/ belt	•
12V charge alternator		•
Alternator: single bearing alternator IF	•	
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 p	oipe)	•
Exhaust siphon, flange, muffler		•
User manual		•
Battery charge		•
, G		
Options		
Water heater		0
Alternator heater		O
One set of air filter, fuel filter, oil filter		0
PMG		0
Water oil separator		0
Daily fuel tank		O
Remote control panel		O
Automatic transfer switch/ATS		Ο
Switch box		O
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		Н

Controller-Deepsea

Model

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

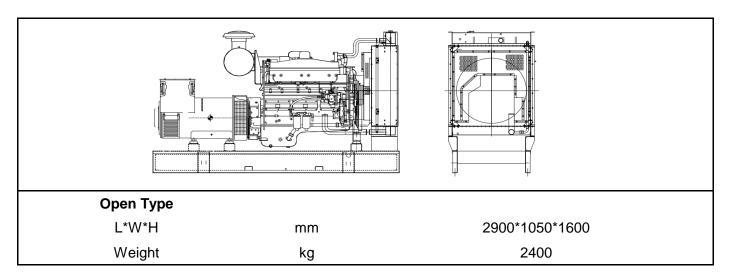
Emergency stop

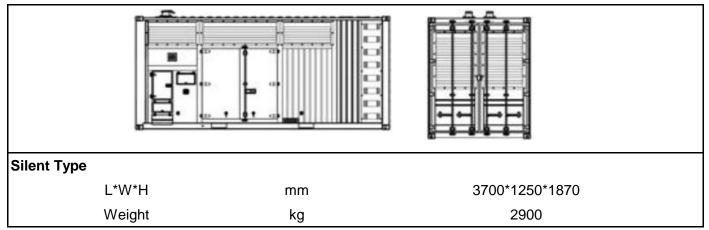
Start failure

DSE 7320



Unit Dimensions(Basic unit)





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).