POWER YOUR FUTURE

Perkins Generator
FD13.5P

403D-15G

Prime Power: 10.8KW/13.5KVA

Standby Power: 11.88KW/14.85KVA

GENERATING POWER SOLUTIONS

Increased availability for new operations
Reliable, robust and versatile generator.
Ready to deliver power for a next job.

Increased uptime during operations
Once installed on the end-user-site, the generator will be ready to run: “peace of mind” operation.

Reduced transport and installation costs
The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs
Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value
Designed and built to last.

⚠ SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents,perform daily and preventive maintenance checks without fail.

Perkins Series

13.5KVA

PT. CIPTA DUA POWER FRANS DIESEL

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No telp : (0542) 2089884
Ware House : Komp. Pergudangan Kariangau Balikpapan
Web : www.fransdieselpower.com

Technical Data

FD13.5P

Model		FD13.5P
Rated prime power	kva	13.5
Rated standard power	kva	14.85
Rated voltage line to line	V	400/230
Rated current	A	40
Maximun sound level	dB(@7m)	69

Engine-DCEC Perkins		
Model		403D-15G
Aspiration		Air natural aspirated
Fuel system		A type
No. cylinders		3 in line
Displacement	Liquid	1.496
Bore*Stroke	mm	84*90
Compression ratio		1.131
Rated speed	r/min	1500
Rated net power(with fan)	Kw	24
Governor type		Mechanical/Electrical
Start Motor	V	24

Exhause System		
Exhause gas flow	m^3/min	
Exhause gas temp	℃	
Max back pressure	kPa	10

Aspiration System		
Max inlet pressure	kPa	5
Combustion volume	m^3/min	1.98
Air flow	m^3/min	136

Fuel System		
100% load(Prime power)	L/h	3.7
75% load(Prime power)	L/h	2.8
50% load(Prime power)	L/h	1.85
Fuel tank capacity	L	125

Lubrication System		
Oil capacity	L	6
Oil consumption	g/kwh	251
Oil pressure (continuous operation)	kPa	345

Cooling System		
Coolant capacity	L	21
Thermostat operation range	℃	82-95
Max water temperature	℃	104

Alternator		
Model	FDIESEL	FD13.5P PI044F
Phase		3
Voltage	V	400/230
Wiring Type		3 Phase 4 wire, Y type
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KVA	13.5
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEEPSEA

Model DSE6120

Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure

Control Module Options

- Auto generator control module
- Control module with" Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Standard Features

Engine(DCEC Perkins)	●
Radiator 50°C max,fans are driven by be	●
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/MCCB	●
Base fuel tank	●
Two 24V batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler	●
User manual	●

Options

Battery charge	○
Engine heater	○
Alternator heater	○
PMG	○
Water oil separator	○
Daily fuel tank	○
Remote control panel	○
Automatic transfer switch/ATS	○
Switch box	○

Standard: ● Options:○

Warranty*

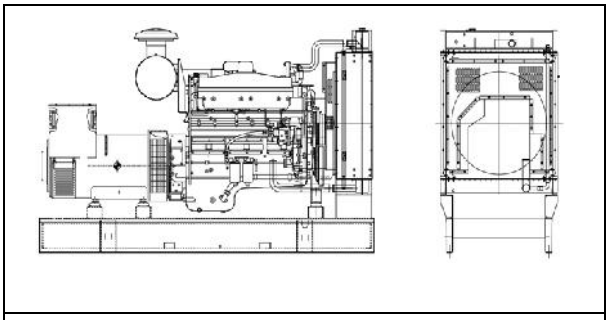
Perkins Engine

12 months from date of purchase and 1000 hours.

Generator

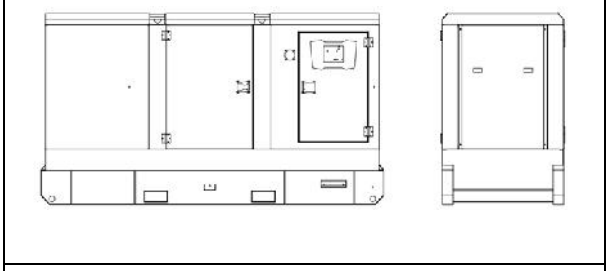
12 months from date of purchase or 1000 hours (whichever occurs first).

Unit Dimensions(Basic unit)



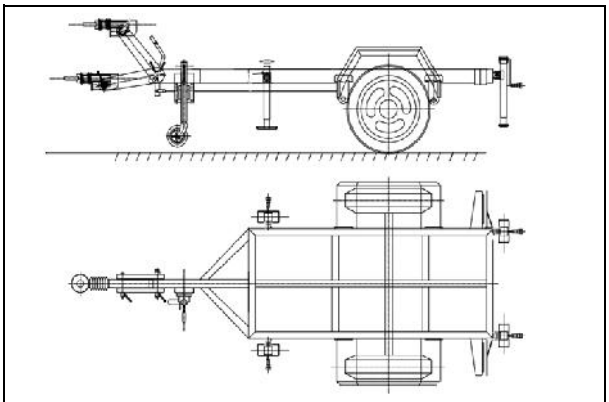
Open Type

L*W*H	mm	1250*680*1100
Weight	kg	466



Silent Type

L*W*H	mm	1750*800*1200
Weight	kg	700



Trailer Option

L*W*H	mm	2425*1400*816
Max loading weight	kg	565