

# POWER YOUR FUTURE

## Perkins Generator FD 400 P

# 2206A-E13TA

Prime Power: 320KW  
Standby Power: 440KVA



 **Perkins®**  
**Diesel Power**



## GENERATING POWER SOLUTIONS

### Increased availability for new operations

Reliable, robust and versatile generator.  
Ready to deliver power for a next job.

### Reduced transport and installation costs

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

### Premium resale value

Designed and built to last.

### Increased uptime during operation

Once installed on the end-user's generator will be ready to run: "mind" operation.

### Reduced service & maintenance

Longer service intervals.  
Quicker and more efficient service

### SAFETY

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

## Perkins Series

400 KVA



### PT. CIPTA DUA POWER FRANS DIESEL

Head Office : Jl. MT. Haryono No.19 Balikpapan  
No telp : (0542) 878021  
Branch Office : Jl. Wijaya Kusuma XII 15 A Samarinda  
No telp : (0542) 2089884  
Ware House : Komp. Pergudangan Kariangau Balikpapan  
Web : [www.fransdieselpower.com](http://www.fransdieselpower.com)

## Technical Data

Model		FD 400
Rated prime power	kva	400
Rated standard power	kva	320
Rated voltage line to line	V	400/230
Rated current	A	40
Maximun sound level	dB(@7m)	69

### Engine-DCEC Perkins

Model	2206A-E13TAG3	
Aspiration	Turbo Charged. Air to air charge cooling	
Fuel system	A type	
No. cylinders	6; Vertical in-line	
Displacement	Liquid	12.5
Bore*Stroke	mm	130x157
Compression ratio	16.3.1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	48
Governor type	ECM	
Start Motor	V	12

### Exhaust System

Exhaust gas flow	m <sup>3</sup> /min	26.4
Exhaust gas temp	°C	
Max back pressure	kPa	10

### Aspiration System

Max inlet pressure	kPa	5
Combustion volume	m <sup>3</sup> /min	1.98
Air flow	m <sup>3</sup> /min	26.4

### Fuel System

100% load(Prime power)	L/h	85
75% load(Prime power)	L/h	62
50% load(Prime power)	L/h	47
Fuel tank capacity	L	850

### Lubrication System

Oil capacity	L	40
Oil consumption	g/kwh	6
Oil pressure	kPa	345
(continuous operation)		

### Cooling System

Coolant capacity	L	51.4
Thermostat operation range	°C	82-95
Max water temperature	°C	90

### Alternator

Model	
Phase	
Voltage	V
Wiring Type	3 Ph
Bearing	
Power factor	
Frequency	Hz
Prime power	KVA
Exciter Type	Brushlk
Voltage regulation	%
Protection Grade	
Insulation grade	
Altitude	m

### Controller-DEESEA

Model

Protective functions:

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



### Control Module Options



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

### Standard Features

- Engine(DCEC Perkins) ●
- 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 ●
- One set of air filter, fuel filter, oil filter ●
- Main line circuit breaker/MCCB ●
- Base fuel tank ●
- One 12V 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

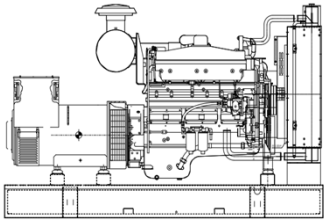
12 months from date of purchase and 2000 hours.

#### Generator

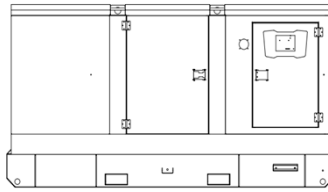
12 months from date of purchase or 2000 hours (whichever occurs first).



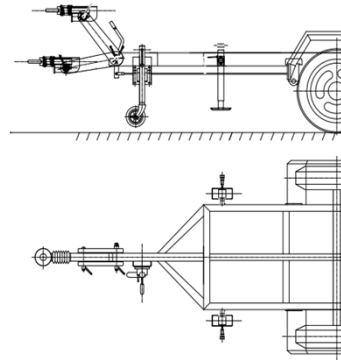
### Unit Dimensions(Basic unit)



Open Type	
L*W*H	mm
Weight	kg



Silent Type	
L*W*H	mm
Weight	kg



Trailer Option	
L*W*H	mm
Max loading weight	kg