

POWER YOUR FUTURE

**Perkins Generator
FD10P**

403D-11G

**Prime Power: 8KW/10KVA
Standby Power: 8.8KW/11KVA**



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

10KVA



PT. CIPTA DUA POWER FRANS DIESEL

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Technical Data

FD10P

Model		FD10P
Rated prime power	kva	10
Rated standard power	kva	11
Rated voltage line to line	V	400/230
Rated current	A	40
Maximun sound level	dB(@7m)	69

Engine-DCEC Perkins

Model		403D-11G
Aspiration		Air natural aspirated
Fuel system		A type
No. cylinders		3 in line
Displacement	Liquid	8.3
Bore*Stroke	mm	77*81
Compression ratio		1.131
Rated speed	r/min	1500
Rated net power(with fan)	Kw	24
Governor type		Mechanical/Electrical
Start Motor	V	24

Exhaust System

Exhaust gas flow	m³/min	2.9
Exhaust gas temp	°C	420
Max back pressure	kPa	10

Aspiration System

Max inlet pressure	kPa	5
Combustion volume	m³/min	1.98
Air flow	m³/min	136

Fuel System

100% load(Prime power)	L/h	2.6
75% load(Prime power)	L/h	2
50% load(Prime power)	L/h	1.3
Fuel tank capacity	L	125

Lubrication System

Oil capacity	L	4.9
Oil consumption	g/kwh	252
Oil pressure	kPa	345
(continuous operation)		

Cooling System

Coolant capacity	L	21
Thermostat operation range	°C	82-95
Max water temperature	°C	104

Alternator

Model	FDIESEL	FD10P
		PI1044E
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	10
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	1000

Controller-DEESEA

Model	DSE6120
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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)

