

Pg-KF90 Series Diesel Generator Set

Standby
90 kVA
72 kW

Prime
81 kVA
65 kW



Engine

In Progen Generator engine products; High performance, low fuel consumption, mechanical or electronic governor depending on the type, Oil, air, fuel filters are interchangeable, using high technology engine brands in accordance with ISO 3046, ISO 8528, BS 5514, DIN 6271 standards.

ENGINE SPECIFICATIONS

Engine Brand	KOFO
Engine Model	N4105ZDS
Engine Power	72 kW
Speed (rpm)	1500 d/dk
Time	4
Number of Cylinders	4
Engine Capacity	4,5 lt
Bore & Stroke (mmXmm)	105x125
Compression Ratio	4:33
Governor Type	Mechanical / Electronical
Induction System	Turbocharge + Intercooler
Combustion System	Direct
Cooling System	Water Cooling
Lubrication Capacity	16 lt
Coolant Capacity	25 lt
Fuel Consumption liter/hour	%100 %75 %50
	13 lt 9,7 lt 6,5 lt

Alternator

In Progen Generator alternator products, it has a steel body design, robust structure, maintenance-free bearing system (brushless) with self-excitation system, electronic type voltage regulator, BS 4999-5000; CEI EN 60034-1; IEC 60034-1; VDE 0530, OVE M10, NF 51-100, 111; It uses high technology alternator brands in accordance with NEMA MG 1.22.

ALTERNATOR FEATURES

Power Factor	0,8
Insulation Class	H
Protection	IP21-IP23
Output Voltage	231/400 VAC - 50 Hz
Frequency	50 Hz
Connection Type	Star
Design	4 Poles - Brushless

Control System

Easy-to-use secure software updates in Progen Generator control panels have a structure that can be easily done with USB ports. Optionally, remote control can be provided with ETHERNET and GPRS. Panel body is made of steel sheet and is painted with electrostatic powder paint. It has been painted. The electronics are isolated and waterproof design.

CONTROL SYSTEM FEATURES

LCD Screen Automatic Control System
Remote monitoring possibility
Multifunctional business opportunity
Multi language support
Programmable over USB, RS-232 and GSM

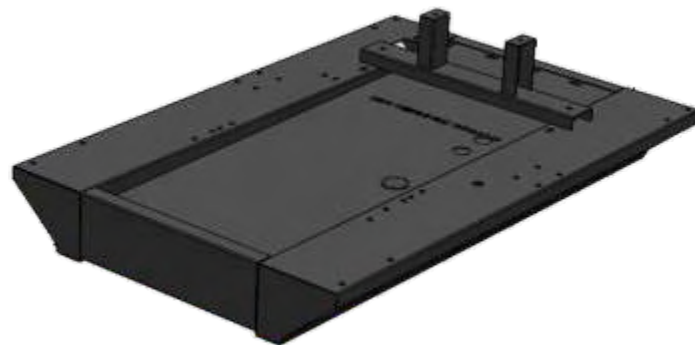


Chassis, Canopy and Fuel Tank

Progen Generator chassis has a modular design and is made of steel. Engine alternator Radiator connections are made with vibration wedges and vibration is minimized. Special chassis and fuel tank in line with customer demands can make designs.

CANOPY

Canopy design that facilitates generator maintenance
Emergency stop button on the cabin
Transparent control cabinet window
Acoustic sponge providing sound insulation
Hidden exhaust silencer inside the cabin
Engine cooling air ducts
Electrostatic powder paint resistant to corrosion and rusting
Refueling outside the cabin



OPTIONS

Transfer Board	Analog Gauges
Protection Switch	24 Hour Fuel Tank
External Type Fuel Tank	Special Chassis Color
Synchronous System	Special Cabinet Color
Electronic Governor Application	Remote Monitoring Module
Earthquake Sensor	Special Type Mufler

Quality Standards

- All generating sets produced by Progen Generator have TSE, CE and ISO 9001 certificates.
- Technical information and values are in accordance with ISO8528, ISO3046, 600341, standards.

TECHNICAL DIMENSIONS

CABINET GROUP

WIDTH	LENGTH	HEIGHT	WEIGHT	FUEL TANK
1000 mm	2270 mm	1650 mm	1102 kg	150 lt

UNCABINET GROUP

WIDTH	LENGTH	HEIGHT	WEIGHT	FUEL TANK
1000 mm	2000 mm	1450 mm	949 kg	150 lt

