

KOFO Series

UND-K Series Diesel Generator Set

 Standby
 Prime

 150 kVA
 135 kVA

 120 kW
 108 kW

Standby Power (ESP): In case of failure of reliable mains supply,variable electricity is used to power the load. ESP complies with ISO8528. Overloading is not allowed.

Prime Power (PRP): Variable electricity to load, power supply, yearly unlimited operation used for the clock. PRP complies with ISO 8528. 12 hours of operation according to ISO3046 Used for 10% overload for 1 hour in the period.



▼ Engine

In Universal 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	КОГО			
Engine Model	R6105AZLDS			
Engine Power	134 kW / 121 kW (Standby/Prime)			
Speed (rpm)	1500			
Time	4			
Number of Cylinders	6			
Engine Capacity	6,75 lt			
Bore & Stroke (mmXmm)	105x130			
Compression Ratio	17:1			
Governor Type	Mechanical / Elekctronic			
Induction System	Turbocharge / Intercooler			
Combustion System	Direct			
Cooling System	Water Cooling			
Lubrication Capacity	17 lt			
Coolant Capacity	23 lt			
Fuel %100	31 lt			
Consumption %75	23 lt			
liter/hour %50	16 lt			

Alternator

In Universal 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	8,0			
Insulation Class	н			
Protection	IP21-IP23			
Output Voltage	231/400 VAC - 50 Hz			
Frequancy	50 Hz			
Connection Type	Star			
Design	4 Poles - Brushless			







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Control System

Easy-to-use secure software updates in Universal 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.

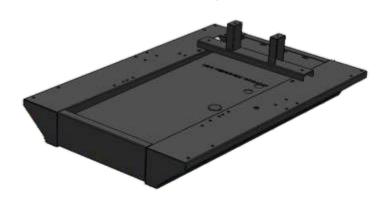
CONTROL SYSTEM FEATURES
LCD Screen Automatic Control System
Remote monitoring possibility
Multifunctional business opportunity
Multi language support
Programmable over USB, RS-232 and GSM



Chassis, Canopy and Fuel Tank

Universal 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 Muffler			

Quality Standards —

- All generating sets produced by Universal Generator have TSE, CE and ISO 9001 certificates.
- Technical information and values are in accordance with ISO8528, ISO3046, NEMA MG1.22, IEC 600341, BS 49995000, VDE 0530 standards.

TECHNICAL DIMENSIONS

CABINET GROUP						
WIDTH	LENGTH	HEIGHT	WEIGHT	FUEL TANK		
1100 mm	3000 mm	1900 mm	1780 kg	300 lt		
UNCABINET GROUP						
WIDTH	LENGTH	HEIGHT	WEIGHT	FUEL TANK		
1100 mm	3000 mm	1600 mm	1380 kg	300 lt		

