
DEMAG
POWER GENERATOR

DMG-Cseries
diesel generator set

DEMAG POWER GENERATOR

Standby	Prime
910 kVA 728 kW	827 kVA 662 kW

- Cabinet / Uncabinet
- Diesel
- Water Cooling
- 50 Hz / 60 Hz
- 3 Phase - 230/400 V

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 DEMAG 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		CUMMINS
Engine Model		KTA38-G2
Engine Power		731 kW / 664 kW (Standby/Prime)
Speed (rpm)		1500
Time		4
Number of Cylinders		12 V Type
Engine Capacity		37,8 lt
Bore & Stroke (mm x mm)		159x159
Compression Ratio		14,5:1
Governor Type		Electronic
Induction System		Turbocharge / Aftercooler
Combustion System		Direct
Cooling System		Water Cooling
Lubrication System		87 lt
Coolant Capacity		194 lt
Fuel Consumption liter/hour	%100	167 lt
	%75	128 lt
	%50	90 lt

Alternator

In DEMAG 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	H
Protection	IP21-IP23
Output Voltage	231/400 VAC - 50Hz
Frequency	50 Hz
Connection Type	Star
Design	4 Poles - Brushless

Control System

Easy-to-use secure software updates in **DEMAG 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

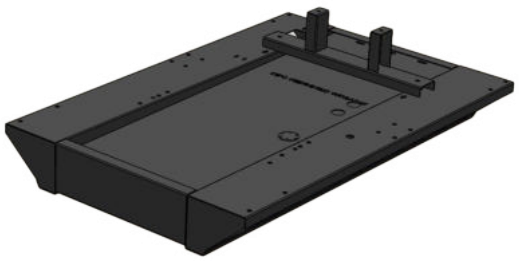
- LCD Screen Automatic Control System
- Remote Monitoring System
- Multifunctional Business Opportunity
- Multi Language Support
- Programmable over USB, RS-232 and GSM

Chassis, Canopy and Fuel Tanks

DEMAG 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 facilities 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 **DEMAG 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
N/A	N/A	N/A	N/A	N/A

Uncabinet Group				
Width	Length	Height	Weight	Fuel Tank
N/A	N/A	N/A	N/A	N/A