LOMAR POWER JENERATÖR

LM-P 660
Diesel Generator Set

Perkins

660 KVA	Standby	528 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.

593.8 KVA	Prime	475 KW

Prime Power (PRP): It is used to supply variable electricity to the load, for unlimited operating hours per year. PRP complies with ISO 8528. According to ISO3046, 1 hour in a 12-hour operating period 10.0% Used for overload.

Engine

In Lomar Generator engine products; high performance, providing low fuel consumption, with mechanical, electronic governor or Engine Control Unit depending on the type, oil, air and fuel filters can be changed, complying with ISO 3046, ISO 8528, BS 5514, DIN 6271 standards. It uses appropriate, high-tech engine brands.

Engine Specifications			
Engine Brand		Perkins	
Engine Model		2806AE18TAG1	
Engine Power (Standby/Prime)		528 kW (Standby)	475 kW (Prime)
Engine Speed		1500 d/dk	
Configuration		Inline Engine	
Engine Stroke		4-Stroke	
Number of Cylinders		6	
Cylinder Distance		18131 cc	
Bore & Stroke		145x183	
Compression Ratio		14.50:1	
Govarnor		Electronic	
Air Aspiration		Naturally aspirated engine	
Fuel Injection		Direct	
Cooling System		Air	
Engine Oil Capacity		62 L	
Fuel Consumption	Liters/hour (50%)	61	
	Liters/hour (75%)	90	
	Liters/hour (100%)	123	

Alternator

Lomar Generator alternator PRODUCTS have steel body design, robust structure, maintenance-free bearing system (brushless), self-excitation system, electronic type voltage REGULATOR, BS 4999-5000; CEI EN 60034-1; IEC It uses HIGH technology alternator brands that comply with 60034-1; VDE 0530, OVE M10, NF 51-100,111; NEMA MG 1.22.Standards.

Alternator Specifications	
Power Factor	0,8
Isolation Class	H
Protection Class	IP21 - IP23
Output Voltage	230/400 Vac
Output Frequency	50 Hz
Connection Type	STAR
Design	4 Poles - Brushless

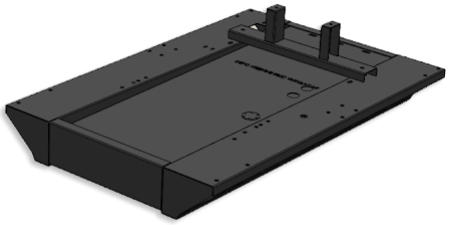
Control System

Lomar Generator control panels have a structure that is easy to use and secure software updates can be easily made via USB ports. Optionally, remote control can be provided via ETHERNET and GPRS. The panel body is made of steel sheet and painted with electrostatic powder paint. Electronic parts are isolated. and has a waterproof design.

Control System Specifications	
Automatic Control System with LCD Display	Remote monitoring possibility
Multifunctional operating possibility	Support different languages
Programmable VIA USB, RS-232 and GSM	

Chassis, Cabin and Fuel Tank

Lomar Generator chassis have a modular design and are manufactured from steel. The tank is mounted to the chassis with bolts. Engine alternator radiator connections are made with vibration mounts to minimize vibration. Special chassis and fuel tank designs can be made in line with customer demands.

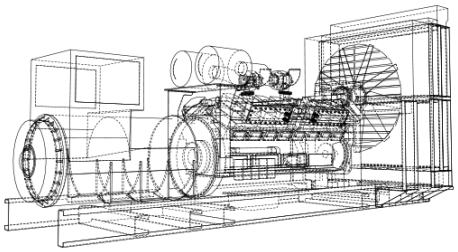


Cabinet Specifications	
Cabinet design that facilitates generator maintenance	Emergency stop button ON the cabin
Transparent control panel window	Acoustic FOAM that provides sound insulation
Exhaust silencer hidden in the cabin	Engine cooling air ducts
Corrosion and rust resistant electrostatic powder paint	Possibility to refuel outside the cabin

Options		
Transfer Board	Analog Indicators	**Protection Switch**
24 Hour Fuel Tank	External Type Fuel Tank	**Special Chassis Color**
Synchronous System	Custom Cabinet Color	**Electronic Governor Application**
Remote Monitoring MODULE	EARTHQUAKE SENSOR	**Special Type Silencer**

Quality Standards

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



Technical Dimensions							
CABIN GROUP				**CABINLESS GROUP**			
WİDTH	1000 mm	**SIZE**	2300 mm	**WİDTH**	1000 mm	**SIZE**	1900 mm
HEIGHT	1420 mm	**WEIGHT**	957 kg	**HEIGHT**	1380 mm	**WEIGHT**	782 kg

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