ALMSD 725

Diesel Generator

ALMSD 725 kVA

PRIME POWER

Means running in 70% average load in an unlimited time as a mains backup. 10% overload is permitted

STANDBY POWER

Means running in variable load in limited period of time where the mains is good. Overload is not allowed

Generators

	Prime	Stand-by
Power (kVA)	660	725
Power kW	527	580

Model	ALMSD 725
Engine Model	Sdec / SC27G830D2
Fuel Type	Diesel
Frequency	50 Hz
Power Factor	Cos Φ = 0.8
Rated Voltage	400/231 V
Fuel Type	Diesel

Dimension	Canopied	Open Skid
Length (mm)	3900	3700
Height (mm)	3030	2330
Width (mm)	1800	1450
Weight (kg)	6020	4850
Fuel Tank Capacity	900	740

+90 (312) 384 15 80 info@alimar.com.tr www.alimar.com.tr

ALMSD 725

Diesel Generator

Engine

Manufacturer		Sdec
Model		SC27G830D2
Engine Type		4 Stroke Diesel Engine
Engine Standby Power	kWm	610
Engine Prime Power	kWm	550
Number of Cylinders/ Arrangement		12V
Total Displacement	lt	26,6
Type of Cooling		Su
Bore x Stroke	mm	135 x 155
Compression Ratio		16:1
Aspiration		Turbocharged, Intercooler
Governor Type		Elektronic
Electrical System	VDC	24
Lubrication Oil Capacity	lt	65
Coolant Capacity	lt	144
Frequency / Speed	Hz - rpm	50 - 1500
Water Heater	Piece x W	TBA
Battery	Piece x AH	2 x 180
Charge Alternator	A	55
Injection System		Direct
Cooling Air Flow	m^3/min	TBA
Combustion Air Flow	m^3/min	TBA
Exhaust Gas Flow	m^3/min	99,5
Exhaust Outlet Temperature	C	600
%100 Fuel Consumption	L/h	141
%75 Fuel Consumption	L/h	106
%50 Fuel Consumption	L/h	74

Alternator

Phase / Pole Number		3/4+
Excitation Sytem		Self Excited, Brushless
Voltage Regulator		A.V.R. (Automatic)
Voltage Regulation		±%1
Insulation Class		H
Protection Class		IP23
Connection Type		Star
Frequency	Hz	50
Power Factor		0.8
Total Harmonic Distortion		< % 3.5
Output Voltage	VDC	231/400

17:04 25/06/2020

ALMSD 725

Diesel Generator

General Information

STANDARD FEATURES

Engine

Low fuel consumption and high performance latest technology diesel engines, electronic or mechanical governor, water-cooled radiator system, replaceable oil, fuel, air filters.

Alternator

With its robust and compact structure, steel body, maintenance-free single bearing system, brushless, self-excited system and electronic type AVR, alternators suitable for the special needs of different applications are used.

Gen-Set Cabinet

Modular cabinets are used in accordance with 2000/14/EC directives, covered with sound and heat insulation flame-resistant sponge, corrosion and rust resistant paint, locks and hinges, large lockable doors on both sides for easy service and maintenance. Exhaust and silencer insulated according to engine suitability. Small and medium power fuel tank is designed as under-
chassis. Lifting ears on chassis. Vibration prevention wedges are used under the chassis.

Standard Accessories;

- Industrial silencer and stainless steel compensator
- Maintenance-free lead-acid starter battery, cable and stand
- Block water heater with thermostat
- Automatic control module
- SMPS battery charger
- Relays and fuses
- Emergency stop button

Optional Features

- Remote radiator
- Water level sensor
- Fuel level sensor
- Winding dehumidifier heater
- Winding and bearing temperature sensors
- MCCB
- PMG/AREP

Other Accessories ;

- Electronic/Manual oil drain pump
- Critical type silencer
- Trailer
- Main fuel tank stainless and insulated
- Automatic transfer panel
- Spring loaded seismic isolator
- Oil and fuel tank heater
- Maintenance tools and kits

Alimar ALM-929 Automatic Control Module

- AMF function
- ATS function
- Remote start function
- Manual start function
- Engine control function
- Suitable for remote monitoring

Measurements

- Mains and gen. FN – FF voltages
- Mains and generator frequency
- Mains and genset phase currents
- Mains and generator neutral currents
- Grid and generator phase and total, kW,kVA,kVAr

Connection

- 3 phase 4 wire, stars & delta
- 3 phase 3 wire, 2 current transformer
- 2 phase 3 wire
- 1 phase 2 wire

Communication

- RS232 – 485 connection with cable
- J1939-CANBUS
- GSM / GPRS connection
- Ethernet connection
- Modbus RTU

Quality Standardsı;

- ISO 9001
- ISO 14001
- ISO 8528
- ISO 3046
- IEC EN 60034
- CE Certificate
- OHSAS 18001
- VDE 0530
- EN ISO 12100
- SZUTEST
- 2000/14/EC