



**VOLVO
PENTA**

GJV450 DIESEL GENERATOR

GRUP

STAND BY	kVA	450
	kW	360
PRIME	kVA	400
	kW	320

Prime Power

Working on the long-term disruption of network energy , An overload of 10% is allowed for 1 hour of every 12 hours. In accordance with ISO 8528/1 (2005) - PRP

Standby Power

With in the short-term energy supply interruption ; The Generator sets in accordance ISO 8528/5-ESP can give a maximum power

Main Features

- Üretimlerimiz TSE, CE, ISO sertifikalıdır
- Kabinli ve Kabinsiz Jeneratör Seçenekleri
- Yüksek üretim teknolojisi ve mühendislik ile
- Yüksek Performanslı ürün
- Modüler kabin tasarımı ile düşük ses seviyesi
- Kolay kullanım, bakım ve çalışma
- Türkçe, İngilizce, Rusça dil seçeneği
- Yurt içinde yaygın satış ve servis noktası

DİZEL MOTOR

BRAND		VOLVO
MODEL		TAD1344GE
TYPE		Heavy Duty
PRIME POWER	kW	354
STANDBY POWER	kW	389
CYLINDER VOLUME	Lt	12,78
CYLINDER NUMBER / TYPE		6 - Sıra
ASPIRATION		Turbo ACC
COOLING SYSTEM		Water Radiator
HECTING POWER	Watt	1000W
SPEED	Rpm	1500 Rpm
BROKE AND STROKE	mmxmm	131x158
GOVERNOR CLASS		Electronic
FUEL CONSUMPTION FULL LOAD	g/kWh	197
OIL CAPACITY	lt.	36
WATER CAPACITY	lt.	44
VOLTAGE	V	24
BATTERY CAPACITY	A	2X105A

FUEL CAPACITY AND CONSUMPTION TABLE

50%	lt./sa.	37,63
75%	lt./sa.	55,60
100%	lt./sa.	73,00
110%	lt./sa.	86,87
FUEL TANK CAPACITY	lt.	800,00

ALTERNATOR

- Four pole alternator, Lifetime lasting greased bearing
- H class insulation
- Brushless ans 2/3 pitch, with AVR card
- Incorporates electromagnetic emission suppressor in accordance with CE legislation
- Maranello brand alternators has TSE certificate

Regulations

- IEC 600034
- ISO 8528/3
- VDE 0530

Low wave distortion

- THD < 4 %
- THF (IEC) < 2 %
- TIF (NEMA) < 50

ALTERNATOR		
BRAND		Maranello
MODEL		M450
OUTPUT VOLTAGE	V	230/400
FREQUENCY	HZ	50
AUTOMATIC VOLTAGE REGULATION	±%	0,5
ALTERNATOR STANDBY POWER	kVA	450
ALTERNATOR PRIME POWER	kVA	400
POWER FACTOR	Cosq	0,8
NUMBER OF CABLES		12
WINDING		2/3
PROTECTION CLASS / LINING CLASS		IP23 / H
WARNING SYSTEM		Self-Excited
AVR MODEL		SX440
PERFORMANCE - PF 0,8/%75 LOAD	%	94,5

The Certificates of Genset

- 2006/42/EC Machinery Safety
- 2006/95/EC Low Voltage
- 2004/108/EC Electromagnetic Compapility
- 2000/14/EC Sound isolation
- ISO 9001:2000
- EN ISO 14001:2004
- OHSAS 18001:1999
- CE Certificate
- TSE Certificate of Quality
- Domestic Goods Certificate
- TSE HYB
- SSHYB
- Production Qualitification Certificate
- Industry Registration Certificate
- Capacity Report
- Trademark registration certificate

CONTROL PANEL

- True RMS measurements
- ECU connection through J1939 CAN option
- J1939 ECU warnings displayed as text
- MPU input option
- Dual genset mutual standby operation
- Event logging with time stamp and measurements
- Battery backed-up real time clock
- Built in daily / weekly / monthly exerciser
- Weekly operation schedule programs
- Field adjustable parameters
- RS-232 serial port
- Free MS-Windows Remote monitoring SW
- GSM and PSTN modem support
- GSM SMS message sending on fault
- MODBUS communications

- 16 Amp contactor outputs
- 1 Amp DC semiconductor outputs
- Configurable analogue inputs: 4
- Configurable digital inputs: 7
- Configurable digital inputs: 2
- Total digital outputs: 6
- I/O expansion capability Plug-in connection system
- The unit records last 100 events with date-time stamp total of 18 measured parameters.



ELECTRICAL PANEL

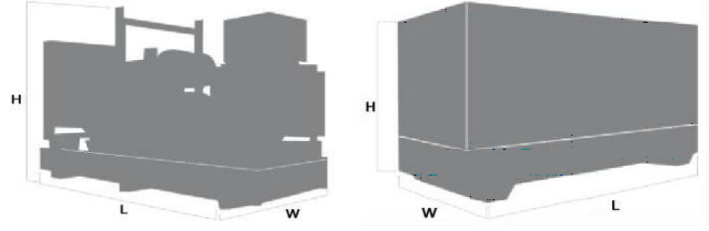
ELECTRICAL PANEL		
BREAKER		3x800A * Optional
BATTERY CHARGES		SMPS245
VOLTAGE	V	24
FREQUENCY	Hz.	50

ATS

3x800A Contactor
4X800A Contactor * Optional

DIMENSIONS

DIMENSIONS		
LENGHT (CANOPY)	cm	330(400)
WIDTH (CANOPY)	cm	135(135)
HEIGHT (CANOPY)	cm	190(225)
WEIGHT (CANOPY)	cm	3300(4400)



OPTIONAL FEATURES

Mechanical

- Galvanised Retention Bund (For soundproofed Units)
- Fuel, oil and air filter heaters
- Auxiliary Double Walled Fuel Tanks
- Residential type Silencer
- Synchronisation Systems
- Huge fuel tanks regarding special orders
- High range alternator
- Control system (by Sim and network)
- Connection to external fuel tank
- Automatic Fuel Systems

Control Panel

- D500
- D700
- ComAp AMF9
- ComAp AMF25
- SMPS 2410 24V

Engine

- High Performance Fuelfilter water Separator
- 60 Hz. / 1800 Rpm
- Mechanic or Electronic Oil Sump Pump

Alternator

- Alternator excitation type: AREP, PMI or PMG
- Anti condensation heaters
- Protection System 2 or 4
- Special AVR

AMF Synchronizing Control Panel

- Datakom D700
- Woodward Easygen 3200

Trailer - Genset Trailer

Our trailers are produced as single-axle, two-axle and four-axle types for heavy and light tonnage capacities and absolutely appropriate to vehicle regulations.

Gucbir Jenerator is a certified company with ISO 9001:2000, EN ISO 14001:2004, OHSAS 18001:1999. Quality Systems, and acquired European Conformity Standards CE Certificate and TSE Quality Certificates and GUCBIR reserves the right to modify any characteristics of their equipment without prior warning.

GUCBIR JENERATOR SAN. TIC. LTD. STI.

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