



### GENERATOR SETS

Standby	kVA	88
	kW	70,4
Prime	kVA	80
	kW	64
Engine Speed	r.p.m	1500
Voltage	V	230/400
Power Factor	Cos Phi	0,8

### CERTIFICATES

#### ◆ CE Certificate

- ◆ 2006/42/EC Machinery Safety Directive
- ◆ 2014/30/EU Electromagnetic Compatibility Directive
- ◆ 2014/35/EU Low Voltage Directive
- ◆ 2000/14/EC By Equipment Used in the Open Field
- ◆ Regulation on Noise Emission in the Created Environment
- ◆ EN 12100:2010, TS EN 60201-1, EN 55011, EN 61000-6-4, EN 61000-4-11, EN 61000-4-8, EN 610000-4-5, EN 610000-4-2, EN 610000-4-2, EN 12601, TS ISO 8528-1-12

#### ◆ TSE Certificate of Conformity to Turkish Standards

- ◆ TS EN 60034-1:2010
- ◆ TS ISO 8528-5
- ◆ TS ISO 8528-4
- ◆ TSE Service Place Qualification Certificate

#### ◆ ISO 9001:2015 Quality Management System Certificate

- ◆ ISO 14001:2015 Environmental Management System Certificate
- ◆ OHSAS 18001:2007 Occupational Health and Safety Management
- ◆ ISO 10002:2014 Customer Satisfaction Management. System Cer.
- ◆ TS ISO/IEC 25051:2015 Software Engineering Certificate
- ◆ Republic of Turkey Ministry of Trade, After Sales Services
- ◆ 1500 hl Salt Water Test Certificate TS EN ISO/IEC 17025
- ◆ Domestic Goods Certificate
- ◆ Manufacturing Competence Certificate
- ◆ Industrial Registry Certificate
- ◆ Capacity Report
- ◆ Trademark Registration Certificate
- ◆ UKR-Sepro
- ◆ Yuchai OEM Manufacturer Certificate



### ENGINE



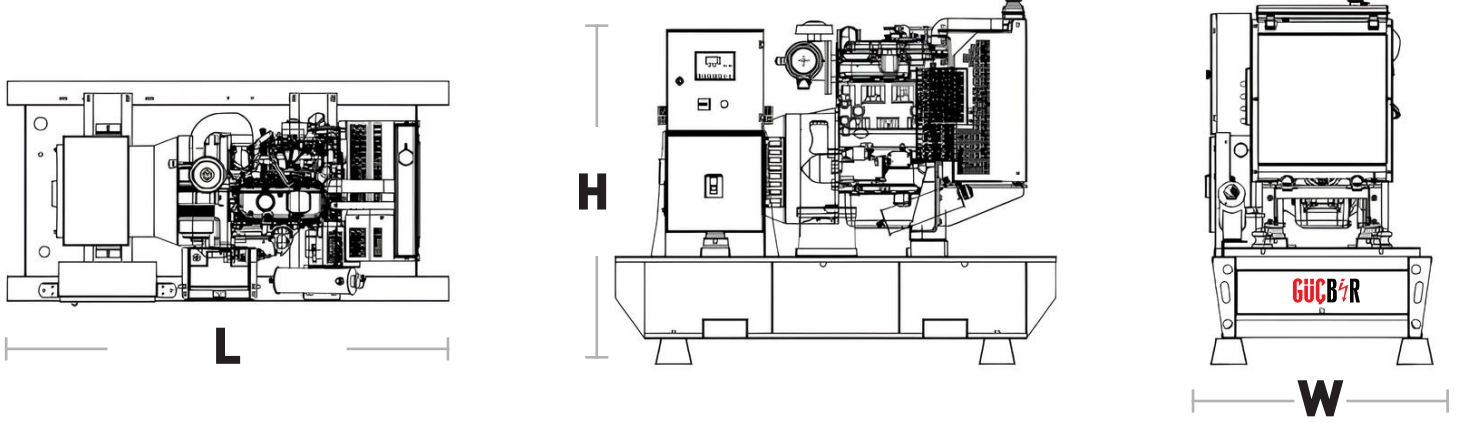
Brand		Yuchai
Model		YC4A110Z-D20
Type		Vertical - Inline
Air Intake Mode		Air Filter
Cylinder Qty		4
Bore x Stroke	mm	108x132
Displacement		4,84
Compression Ratio		17,5:1
Prime Power/Speed	kW	80
Standby Power/Speed	kW	88
Min. Fuel Consumption Rate	a	≤0,1%
Fuel Consumption %50	l/h	9,9
Fuel Consumption %75	l/h	14,4
Fuel Consumption %100	l/h	19,4
Fuel Consumption %110	l/h	21,7
Oil Capacity(Dry Engine)	L	15
Oil Fuel Ratio		≤0,1%
Start Mode		Electrotronic
Fuel System		Fuel Filter
Dimensions (LxWxH)	mm	136x76x110
Dry Weight (kg)	kg	515

### ALTERNATOR



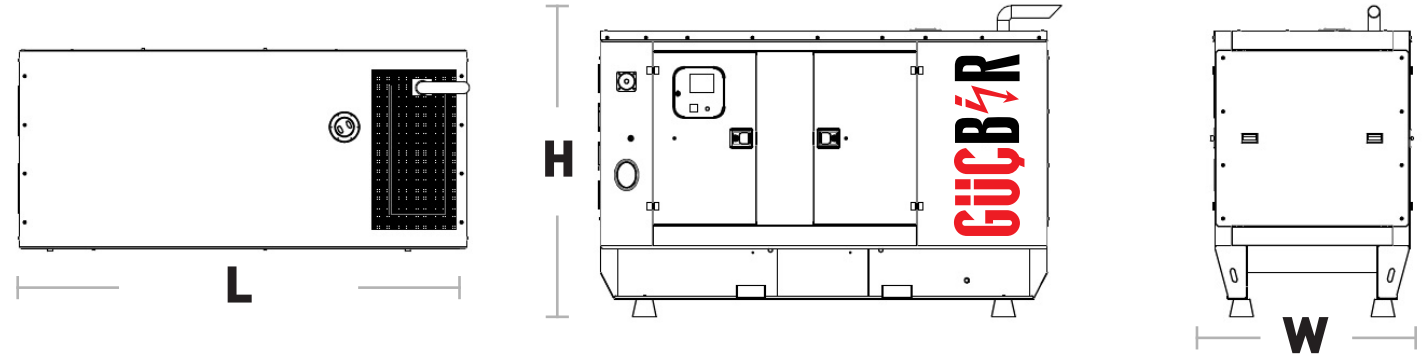
Brand		Maranello
Model		M90
Output Voltage	V	230/400
Frequency	HZ	50
Automatic Voltage Regulation	±%	1
Standby Power	kVA	90,8
Continuous Use Power	kVA	85
Power Factor	Cosφ	0,8
Number of Cables		12
Winding Pitch		2/9
Protection Class		IP23/H
Warning System		Self-excited
AVR Model		SX460
Performance - PF 0.8 / 75% Load	%	91

### DIMENSIONS



### WITHOUT CABIN

Length (L) x Width (W) x Height (H)	mm	2200X1000X1610
Weight	kg	N/A
Fuel Tank Capacity	lt	300



### WITH CANOPY

Length (L) x Width (W) x Height (H)	mm	2750X1100X1860
Weight	kg	1560
Fuel Tank Capacity	lt	300

### SOUND ISOLATION CABINET FEATURES

- ◆ Container and modular cabin production
- ◆ 65-75db. sound insulation
- ◆ Anti-vibration system
- ◆ Grilles for cooling and air circulation
- ◆ Special attachments for easy transportation
- ◆ Insulated transparent cover for easy access to the control cabinet
- ◆ Hidden exhaust
- ◆ Emergency stop button

### CONTROL PANEL



### G500 DATAKOM



- ◆ 4-band GPRS modem (optional)
- ◆ USB Device
- ◆ RS-232 (2400-57600baud)
- ◆ J1939-CANBUS
- ◆ Geolocation with GSM
- ◆ GPS support (RS-232)
- ◆ Internet Centric Monitoring
- ◆ Send SMS messages (optional)
- ◆ Emailing (optional) Free PC software
- ◆ re: Rainbow Plu
- ◆ Modbus RTU

### ATS PANEL

Güçbir Generator offers robust, versatile and compact solutions to transfer basic loads and electrical distribution systems from one power source to another with ATS panels. Güçbir's contactors, motorized switches and changeoverbased ATSs range from 40A to 6300 A and can be supplied externally for various applications. Also available internally switchgear inside the ATS panels, which can be supplied by ABB, SIEMENS, SCHNEIDER, GE, LS, HYUNDAI, TELERGON, SOCOMEC and ANDELI are internationally recognized trademarks.



### OPTIONAL FEATURES

- ◆ Medium voltage alternator,
- ◆ Remote radiator applications
- ◆ Automatic refueling system
- ◆ Fuel tank, oil pan, instrument panel, alternator, coil heaters,
- ◆ Alternator with dual AVR and PMG
- ◆ Synchronization systems, Generator output switch,
- ◆ Mains-Generator transfer switches,
- ◆ Cabins in volumes suitable for special insulation demands
- ◆ Seismic solutions
- ◆ Trailer
- ◆ Remote monitoring
- ◆ SMPS 12/24V 10A

### CONTROL PANEL

- ◆ Deepsea Control Devices
- ◆ Emko Control Devices
- ◆ ComAp Control Devices
- ◆ DEIF Control Devices

