



SERVICE		PRP
POWER	kVA	1551
POWER	kW	1241
RATED SPEED	r.p.m.	1.500
MAIN VOLTAGE	V	400/230
AVAILABLE VOLTAGES	V	380/220 415/240
RATED AT POWER FACTOR	Cos Phi	0,8



## INDUSTRIAL RANGE

HIMOINSA Company with quality certification ISO 9001

HIMOINSA gensets are compliant with EC mark which includes the following directives:

- 2006/42/CE Machinery safety.
- 2014/30/UE Electromagnetic compatibility.
- 2014/35/UE electrical equipment designed for use within certain voltage limits
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- 97/68/EC Emissions of gaseous and particulate pollutants.
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2020 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2020, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2020, Emergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP

\*Class G2\* performance according to the load impact test according to ISO 8528-5:2020

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## OPEN SKID



OPEN SKID



WATER-COOLED



THREE PHASE



50 Hz



DIESEL

Himoinsa has the right to modify any feature without prior notice.

Weights and dimensions based on standard products. Illustrations may include optional equipment.

Technical data described in this catalogue correspond to the available information at the moment of printing.

The illustrations and images are indicative and may not coincide in their entirety with the product.

Industrial design under patent.



## Engine Specifications | 1.500 r.p.m.

Rated Engine Output (PRP)	kW	1345
Manufacturer		YANMAR
Model		12GY175L.PF2F
Engine Type		4-stroke diesel
Injection Type		Direct
Aspiration Type		Turbocharged and after-cooled
Number of cylinders and arrangement		12-V
Bore and Stroke	mm	175 x 215
Displacement	L	62,1
Cooling System		Water
Lube Oil Specifications		SAE 15W-40, API CI-4 or CK-4

Fuel Consumption 100% PRP	l/h	299,42
Fuel Consumption 75 % PRP	l/h	234,17
Fuel Consumption 50 % PRP	l/h	168,13
Fuel Consumption 25 % PRP	l/h	98,47
Lube oil consumption with full load	g/kWh	0,4
Total oil capacity	L	306
Governor	Type	Electrical
Air Filter	Type	Dry



- Oil temperature sensor
- Low coolant level sensor
- Exhaust gas compensator
- Fuel water alarm
- Electric pre-lubrication / oil extraction pump
- Electric fuel priming pump
- Standard air filter
- Standard fuel filter
- Standard oil filter
- Water separator filter (visible level)
- Radiator with pusher fan
- Radiator water level sensor
- HTW sender
- LOP sender
- Electronic governor
- Hot parts protection
- Moving parts protection



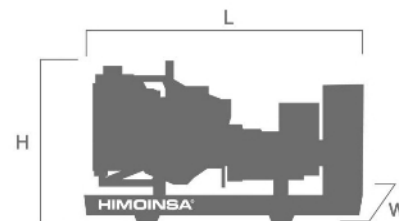
## Generator Specifications | MECC ALTE

Manufacturer		MECC ALTE
Model		ECO46 1.5S/4 A
Poles	No.	4
Connection type (standard)		Star - Parallel
Mounting type		S-00 21"
Insulation		H class

Enclosure (according IEC-34-5)	IP23
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)

## WEIGHT AND DIMENSIONS

Standard Version		
Length Without Control Panel (L)	mm	Ask
Length With Control Panel (L)	mm	6960
Height (H)	mm	2820
Width (W)	mm	2220
Weight with liquids in radiator and sump	Kg	Ask
Fuel tank capacity	L	350
Autonomy (75%)	Hours	1



## APPLICATION DATA

### EXHAUST SYSTEM

Maximum exhaust temperature	°C	385
Exhaust Gas Flow	m³/min	278,75
Maximum allowed back pressure	kPa	6

### NECESSARY AMOUNT OF AIR

Alternator fan air flow	m³/s	2,25
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### STARTING SYSTEM

Starting power	kW	9 x 2
Starting power	CV	12,24 x 2
Auxiliary Voltage	Vdc	24

### FUEL SYSTEM

Fuel Oil Specifications	Diesel	
Fuel Tank	L	350



## Open set version

- Steel chassis
- Emergency stop button
- Mechanical radiator
- Anti-vibration shock absorbers
- Chassis with integrated fuel tank
- Fuel level gauge
- High mechanical strength
- Fuel tank drain plug
- Steel industrial silencer -15db(A) attenuation (Optional).
- Steel residential silencer -35db(A) attenuation. (Optional).



## Control Panels

### AS5

Automatic panel WITHOUT transfer switch and WITHOUT mains control with CEM8 unit. (\*) AS5 as optional with CEA8 unit. Automatic panel without transfer switch and WITH mains control.

Digital control unit CEM8 CEA8



## Electrical system

- Electric control and power panel with measurements devices and control unit (according to necessity and configuration)
- Maintenance-free and anti-explosion battery
- Battery Switch
- Control panel and emergency stop button
- Battery charger (standard on gensets with automatic control panels)
- Heating resistor (standard on sets with automatic control panels)
- Battery charger alternator with ground connection
- Starter battery/ies installed (cables and bracket included)
- Ground connection electrical installation with connection ready for ground spike (not supplied)