



SERVICE		PRP
POWER	kVA	17
POWER	kW	16
RATED SPEED	r.p.m.	1.500
MAIN VOLTAGE	V	400/230
AVAILABLE VOLTAGES	V	200/115 · 230 V (t)
RATED AT POWER FACTOR	Cos Phi	0,8



## RENTAL 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)
- (UE) N° 2016/1628 Emissions of gaseous and particulate pollutants
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2018 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2018, 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 8528-1:2018, 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

G3 class load acceptance in accordance with ISO 8528-5:2018

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## SOUNDPROOFED RENTAL



B10R



WATER-COOLED



THREE PHASE



50 HZ



STAGE V



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	18,4
Manufacturer	YANMAR	
Model	4TNV88BXIHR	
Engine Type	4-stroke diesel	
Injection Type	Direct	
Aspiration Type	Natural	
Number of cylinders and arrangement	4-L	
Bore and Stroke	mm	88 x 90
Displacement	L	2,19
Cooling System	Coolant	
Lube Oil Specifications	SAE 3 class 10W30 / API grade CD,CF	
Compression Ratio	20	

Fuel Consumption ESP	l/h	5,9
Fuel Consumption 100% PRP	l/h	5,2
Fuel Consumption 80 % PRP	l/h	3,8
Fuel Consumption 50 % PRP	l/h	2,7
Lube oil consumption with full load	g/kWh	0,27
Total oil capacity	L	7,4
Total coolant capacity	L	5,5
Governor	Type	Electrical
Air Filter	Type	Dry


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- Diesel engine
  - 4-stroke cycle
  - Water-cooled
  - 12V electrical system
  - Water separator filter (visible level)
  - Dry air filter
  - Radiator with pusher fan
  - Electronic governor
  - Hot parts protection
  - Moving parts protection



## Generator Specifications | STAMFORD

Manufacturer	STAMFORD	
Model	S0L2.M1	
Poles	No.	4
Connection type (standard)	Star-series	
Mounting type	S-4 7,5"	
Insulation	Class	H class

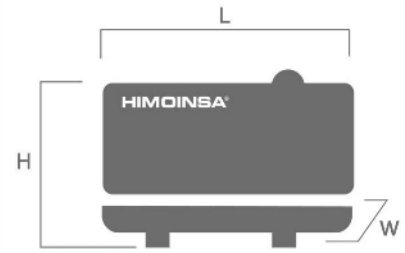
Enclosure (according IEC-34-5)	IP23
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)

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- Self-excited and self-regulated
  - AVR governor
  - IP23 protection
  - H class insulation

## WEIGHT AND DIMENSIONS

Standard Version		
Length Without Control Panel (L)	mm	2150
Length With Control Panel (L)	mm	2,15
Height (H)	mm	1329
Width (W)	mm	1030
Weight with liquids in radiator and sump		788
Fuel tank capacity	L	100
Autonomy	Hours	Ask
Autonomy	Hours	26

Steel tank



## SOUND PRESSURE

Sound pressure level	dB(A)@7m	65 ± 2,4
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## APPLICATION DATA

### EXHAUST SYSTEM

Maximum exhaust temperature	°C	480
Exhaust Gas Flow	m³/min	4,28
Maximum allowed back pressure	mm H2o	1300
Exhaust Flange Size (external diameter)	mm	65

### NECESSARY AMOUNT OF AIR

Intake air flow	m³/h	88,7
Cooling Air Flow	m³/s	0,8
Alternator fan air flow	m³/s	0,105

### STARTING SYSTEM

Starting power	KW	1,4
Starting power	CV	1,9
Auxiliary Voltage	Vdc	12

### FUEL SYSTEM

Fuel Oil Specifications		Diesel
Fuel Tank	L	100



## Soundproofed version

- Steel chassis
- Manhole to fill the radiator
- Anti-leakage chassis, predisposed to retain liquids (retention tray)
- Manhole for fuel tank cleaning and drainage
- Manhole for chassis cleaning
- Slide carriage and brackets for transportation with forklift
- Tilting cap in the exhaust
- Anti-vibration shock absorbers
- Chassis with integrated fuel tank
- Fuel level gauge

- External emergency stop switch
- Bodywork made from high quality steel plate
- High mechanical strength
- Low noise emissions level
- Soundproofing provided by high-density volcanic rock wool
- Epoxy polyester powder coating
- Full access for maintenance (water, oil and filters, no need to remove the canopy)
- Reinforced lifting hooks for crane hoisting
- Watertight chassis (acts as a double barrier against liquid retention)
- Fuel tank drain plug

- Chassis drain plug
- Chassis ready for future mobile kit installation
- Steel residential silencer -35db(A) attenuation.
- Oil sump extraction kit
- Versatility to assemble a high capacity chassis with a metallic fuel tank
- IP Protection according to ISO 8528-13:2016
- 3 way valve for external fuel supply (available in 1/2" and 3/8" fittings) (Opcional).
- Fuel transfer pump (Opcional).