





SERVICE		PRP	ESP
POWER	kVA	41	45
POWER	kW	33	36
RATED SPEED	r.p.m.	1.5	500
STANDARD VOLTAGE	V	400,	/230
AVAILABLE VOLTAGES	V	230 - 230/132	



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 approximate)

2005/88/EC) • 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 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

G2 class load acceptance in accordance with ISO 8528-5:2013

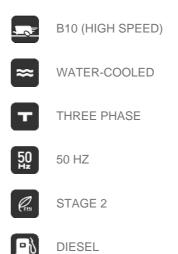
HIMOINSA HEADQUARTERS:

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Manufacture facilities: SPAIN • FRANCE • INDIA • CHINA • USA • BRAZII • ARGENTINA

Subsidiaries: PORTUGAL | POLAND | GERMANY | UK | SINGAPORE | UAE | PANAMA | DOMINICAN REPUBLIC | ARGENTINA | ANGOLA | SOUTH AFRICA

MOBILE



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.



🚯 HIMOINSA





Engine Specifications | 1.500 r.p.m.

Rated Output (PRP)	kW	37,7	Fuel (
Rated Output (ESP)	kW	41,4	Fuel (
Manufacturer		YANMAR	- PRP
Model		4TNV98TGGEH	- Fuel (
Engine Type		4-stroke diesel	- Fuel (
Injection Type		Direct	- Lube full lo
Aspiration Type		Turbocharged	Total
Number of cylinders and arrangement		4-L	Total
Bore and Stroke	mm	98 x 110	- Gove
Displacement	L	3,319	Air Fi
Cooling System		Coolant	- Inner
Lube Oil Specifications		SAE 3 class 10W30 / API grade CD,CF	-
Compression Ratio		18,1	-
			-

Fuel Consumption ESP	l/h	10,11
Fuel Consumption 100% PRP	l/h	9,16
Fuel Consumption 75 % PRP	l/h	6,94
Fuel Consumption 50 % PRP	l/h	4,89
Lube oil consumption with full load	g/kWh	0,27
Total oil capacity	L	10,5
Total coolant capacity	L	9
Governor	Туре	Mechanical
Air Filter	Туре	Dry
Inner diameter exhaust pipe	mm	45

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



Generator Specifications | STAMFORD

Manufacturer		STAMFORD
Poles	No.	4
Connection type (standard)		Star-series
Mounting type		S-3 11"1/2
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)

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







WEIGHT AND DIMENSIONS

		Standard Version
Length (L)	mm	3.602
Height (H)	mm	1.794
Width (W)	mm	1.505
Maximum shipping volume	m³	9,73
Weight with liquids in radiator and sump	Kg	1174
Fuel tank capacity	L	100
Autonomy	Hours	14
Sound pressure level	dB(A)@7m	62 ± 2,4
		Plastic tank



APPLICATION DATA

EXHAUST SYSTEM

Maximum exhaust temperature	°C	480
Exhaust Gas Flow	m³/min	10,45
Maximum allowed back pressure	mm H2o	1000
Exhaust Flange Size (external diameter)	mm	65

NECESSARY AMOUNT OF AIR

Intake air flow	m³/h	194,16
Cooling Air Flow	m³/s	0,979
Alternator fan air flow	m³/s	0,09

STARTING SYSTEM

Starting power	kW	2,3
Starting power	CV	3,13
Recommended battery	Ah	92
Auxiliary Voltage	Vdc	12

FUEL SYSTEM

Fuel Oil Specifications		Diesel
Fuel Tank	L	100

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- Steel chassis
- 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

Soundproofed version

- 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
- Fuel transfer pump (Opcional).

