



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

Continuous Power (COP): According to Standard ISO 8528-1:2018, this is the maximum power available for continuous loads for unlimited running hours a year between the maintenance times recommended by the manufacturer under the environmental conditions established by the same.

Class G2 performance according to the load impact test according to ISO 8528-5:2018

HIMOINSA HEADQUARTERS:

Fábrica: Ctra. Murcia - San Javier, Km. 23,6 | 30730 SAN JAVIER (Murcia) Spain
Tel.+34 968 19 11 28 Fax +34 968 19 12 17 Fax +34 968 19 04 20 |
info@himoinsa.com | www.himoinsa.com

Manufacture facilities:

SPAIN • FRANCE • INDIA • CHINA • USA • BRAZIL • ARGENTINA

Subsidiaries:

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

SERVICE		PRP	ESP
POWER	kVA	94	102
POWER	kW	75	82
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	



SOUNDPROOFED RENTAL



DS5R



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	94
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Manufacturer	FPT_IVECO	
Model	F36ETEVP03.A94	
Engine Type	4-stroke diesel	
Injection Type	Direct, common rail	
Aspiration Type	Turbocharged and after-cooled	
Number of cylinders and arrangement	4-L	
Bore and Stroke	mm	102 x 110
Displacement	L	3,6
Cooling System	Liquid (water + 50% glycol)	
Lube Oil Specifications	10W-40 (API CJ-4, CK-4)	
Compression Ratio	18,5:1	

Lube oil consumption with full load	g/kWh	0,25
Total oil capacity including tubes, filters	L	9
Governor	Type	Electrical
Air Filter	Type	Dry

- Diesel engine
- 4-stroke cycle
- Water-cooled
- 12V electrical system
- Water separator filter (no visible level)
- Dry air filter
- Radiator with pusher fan
- Radiator water level sensor
- HTW sender
- Electronic governor
- Hot parts protection
- Moving parts protection
- LOP sender (Opcional).



Generator Specifications | STAMFORD

Manufacturer	STAMFORD	
Model	UCI274C	
Poles	No.	4
Connection type (standard)	Star-series	
Mounting type	S-3 11*1/2	
Insulation	Class	H class

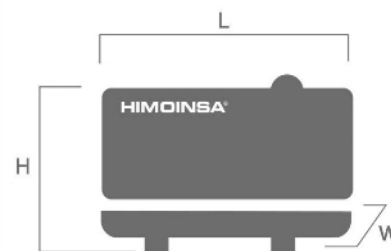
Enclosure (according IEC-34-5)	IP23
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)

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

WEIGHT AND DIMENSIONS

Standard Version		
Length (L)	mm	2960
Height (H)	mm	1895
Width (W)	mm	1200
Maximum shipping volume	m ³	6,73
Weight with liquids in radiator and sump	Kg	2171
Fuel tank capacity	L	450
Autonomy (70% PRP)	Hours	29
Autonomy (100% PRP)	Hours	20

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	740
Maximum allowed back pressure	mbar	220

NECESSARY AMOUNT OF AIR

Alternator fan air flow	m ³ /s	0,514
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FUEL CONSUMPTION

Fuel Consumption ESP	l/h	23,5
Fuel Consumption 100% PRP	l/h	22,74
Fuel Consumption 70 % PRP	l/h	15,62
Fuel Consumption 50 % PRP	l/h	11,2

FUEL SYSTEM

Fuel Oil Specifications	Diesel	
Fuel Tank	L	450

STARTING SYSTEM

Auxiliary Voltage	Vdc	12
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GAS POST-TREATMENT SYSTEM

Adblue Tank Capacity	l	43
Adblue consumption 100%	l/h	0,99
Adblue consumption 80%	l/h	0,81



Soundproofed version

- Steel chassis
- Manhole to fill the radiator
- Pre-installation or niche to house the quick connection hydraulic fittings for fuel transfer
- Anti-leakage chassis, predisposed to retain liquids (retention tray)
- Manhole for fuel tank cleaning and drainage
- Tilting cap in the exhaust
- Anti-vibration shock absorbers
- Chassis with integrated fuel tank
- Fuel level gauge
- 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)
- Oil sump extraction kit
- Emergency stop button (double emergency stop protection: Interior on the panel + Exterior on the bodywork)
- Mechanized for power cable output
- Door with window to visualize control panel, alarms and measurements
- Pressure locks
- IP Protection according to ISO 8528-13:2016