



Voltage	Phase	Rated at power factor	Standby KVA	Standby KW	Prime KVA	Prime KW	Amps
380/220 V	3	0,8	106,9	85,5	99,5	79,6	151,2
400/230 V	3	0,8	106,9	85,5	100	80	144,3
415/240 V	3	0,8	108,1	86,5	100	80	139,1



HS | STATIONARY RANGE

FILIAL UK Company with quality certification ISO 9001

FILIAL UK 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)
- 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.

G2 class load acceptance in accordance with ISO 8528-5:2018

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Subsidiaries:

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



STANDARD SOUNDPROOFING



HS50



WATER-COOLED



THREE PHASE



50 HZ



STAGE 2



DIESEL

Filial UK 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 Output (PRP)	kW	88,6
Rated Output (ESP)	kW	95,9
Manufacturer	FPT_IVECO	
Model	NEF45TM2A	
Engine Type	4-stroke diesel	
Injection Type	Direct	
Aspiration Type	Turbocharged and after-cooled	
Number of cylinders and arrangement	4-L	
Bore and Stroke	mm	104 x 132
Displacement	L	4,5
Cooling System	Liquid (water + 50% glycol)	
Lube Oil Specifications	ACEA E3 - E5	
Compression Ratio	17,5 : 1	

Fuel Consumption ESP	l/h	24,4
Fuel Consumption 100% PRP	l/h	22
Fuel Consumption 80 % PRP	l/h	16,2
Fuel Consumption 50 % PRP	l/h	11
Lube oil consumption with full load	0,5 % of fuel consumption	
Total oil capacity including tubes, filters	L	12,8
Total coolant capacity	L	18,5
Governor	Type	Mechanical
Air Filter	Type	Dry
Inner diameter exhaust pipe	mm	70,3



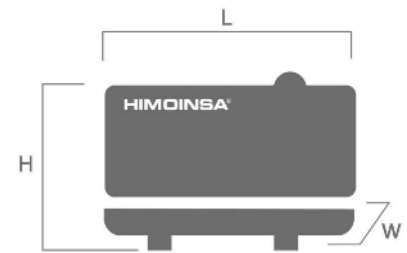
Generator Specifications | STAMFORD

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)

WEIGHT AND DIMENSIONS

Standard Version		
Length (L)	mm	2.900
Height (H)	mm	1.780
Width (W)	mm	1.100
Maximum shipping volume	m ³	5,68
Weight with liquids in radiator and sump	Kg	1511
Fuel tank capacity	L	310
Autonomy (100% PRP)	Hours	14
Steel tank		



SOUND PRESSURE

Sound pressure level	dB(A)@7m	69 ± 2,4
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APPLICATION DATA

EXHAUST SYSTEM

Maximum exhaust temperature	°C	535
Exhaust Gas Flow	kg/s	0,148
Maximum allowed back pressure	kPa	5
Heat dissipated by exhaust pipe	KCal/Kwh	731,6

NECESSARY AMOUNT OF AIR

Intake air flow	m ³ /h	427
Cooling Air Flow	m ³ /s	2,2
Alternator fan air flow	m ³ /s	0,514

STARTING SYSTEM

Starting power	kW	3
Starting power	CV	4,08
Recommended battery	Ah	100
Auxiliary Voltage	Vdc	12

FUEL SYSTEM

Fuel Oil Specifications		Diesel
Fuel Tank	L	310



CONTROL PANELS



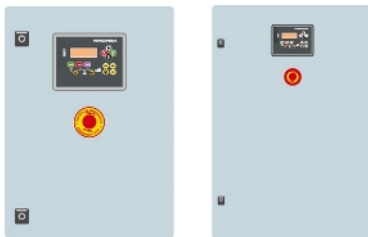
AS5

Automatic panel WITHOUT transfer switch and WITHOUT mains control with CEM7 unit. (*) AS5 as optional with CEA7 unit. Automatic panel without transfer switch and WITH mains control.



AS7

Automatic control panel WITHOUT Transfer Switch and WITHOUT mains control with M7X unit. Digital control unit M7X



CC2

HimoinSA Switching cabinet WITH display. Digital control unit CEC7



AS5 + CC2

Automatic panel WITH transfer switch and with mains control. The display will be on the genset and on the cabinet. Digital control unit CEM7+CEC7



AS7 + CC2

Automatic control panel WITH transfer switch and WITH mains control. The display will be on the genset and on the cabinet. Digital control unit M7X+CEC7



AC5

Automatic mains failure control panel. Wall-mounted cabinet WITH transfer switch and thermal magnetic protection (depending on current and voltage). Digital control unit CEA7