HIMOINSA
A YANMAR COMPANY

HCY-9 M5

COMPACT SERIES
Powered by YANMAR



SERVICE		PRP	ESP
POWER	kVA	8	8,6
POWER	kW	8	8,6
RATED SPEED	r.p.m.	3.000	
STANDARD VOLTAGE	V	240/120	
RATED AT POWER FACTOR	Cos Phi	1,0	

COMPACT SERIES

AUSTRALIA Company with quality certification ISO 9001

AUSTRALIA 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. (amended by 2012/46/EU)
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2018 normative: 1000 mbar, 25ºC, 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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Manufacture facilities:
SPAIN • FRANCE • INDIA • CHINA • USA • BRAZIL • ARGENTINA

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

STANDARD SOUNDPROOFING

- WATER-COOLED
- SINGLE PHASE
- 50 HZ
- DIESEL

Australia 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.

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Engine Specifications | 3.000 r.p.m.

Rated Output (PRP)	kW	10,9
Rated Output (ESP)	kW	12
Manufacturer		YANMAR
Model		3TNM68HHFCG
Engine Type		4-stroke diesel
Injection Type		Indirect
Aspiration Type		Natural
Number of cylinders and arrangement		3-L
Bore and Stroke	mm	68 x 72
Displacement	L	0,784
Cooling System		Coolant
Lube Oil Specifications		SAE 3 class 10W30 / API grade CD,CF
Compression Ratio		23,5

Total oil capacity	L	3,2
Governor	Type	Mechanical
Air Filter	Type	Dry

Generator Specifications | MECC ALTE

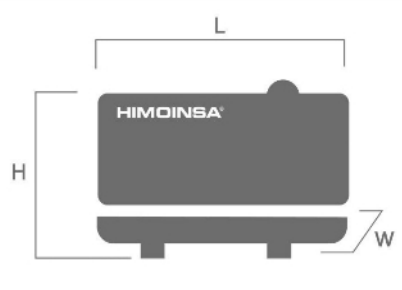
Manufacturer		MECC ALTE
Model		ECP3 3S/2
Poles	No.	2
Connection type (standard)		Star-series
Mounting type		S-5 7"1/2
Insulation	Class	H class

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)

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WEIGHT AND DIMENSIONS

		Standard Version
Length (L)	mm	1.530
Height (H)	mm	930
Width (W)	mm	780
Maximum shipping volume	m³	1,11
Weight with liquids in radiator and sump	Kg	Ask
Fuel tank capacity	L	38,9
Autonomy	Hours	25
		Steel tank



APPLICATION DATA

EXHAUST SYSTEM

Maximum exhaust temperature	ºC	460
Exhaust Flange Size (external diameter)	mm	40

NECESSARY AMOUNT OF AIR

Alternator fan air flow	m³/s	0,103

FUEL CONSUMPTION

Fuel Consumption 100% ESP	l/h	2,1
Fuel Consumption 100% PRP	l/h	1,92
Fuel Consumption 70 % PRP	l/h	1,51
Fuel Consumption 50 % PRP	l/h	1,25

FUEL SYSTEM

Fuel Oil Specifications		Diesel
Fuel Tank	L	39

STARTING SYSTEM

Starting power	kW	1
Starting power	CV	1,36
Auxiliary Voltage	Vdc	12

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