



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, 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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Manufacture facilities:

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

Subsidiaries:

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

| 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 | |



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.



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 |



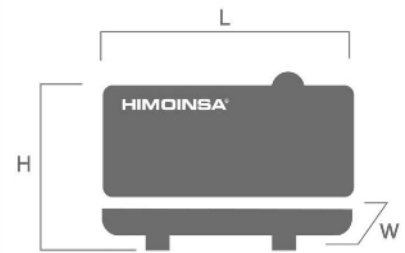
Generator Specifications | MECC ALTE

| | | |
|----------------------------|-------------|---------|
| 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) |

WEIGHT AND DIMENSIONS

| Standard Version | | |
|--|----------------|-------|
| Length (L) | mm | 1.530 |
| Height (H) | mm | 930 |
| Width (W) | mm | 780 |
| Maximum shipping volume | m ³ | 1,11 |
| Weight with liquids in radiator and sump | Kg | 430 |
| Fuel tank capacity | L | 38,9 |
| Autonomy | Hours | 25 |
| Steel tank | | |



APPLICATION DATA

EXHAUST SYSTEM

| | | |
|---|----|-----|
| Maximum exhaust temperature | °C | 460 |
| Exhaust Flange Size (external diameter) | mm | 40 |

NECESSARY AMOUNT OF AIR

| | | |
|-------------------------|-------------------|-------|
| Alternator fan air flow | m ³ /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 |