



SERVICE		PRP	ESP
POWER	kVA	917	1016
POWER	kW	733	813
RATED SPEED	r.p.m.	1.500	
STANDARD VOLTAGE	V	400/230	
AVAILABLE VOLTAGES	V	230/132 · 230 V (t)	
RATED AT POWER FACTOR	Cos Phi	0,8	



## INDUSTRIAL 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.

G3 class load acceptance in accordance with ISO 8528-5:2018

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

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DOMINICAN REPUBLIC | ARGENTINA | ANGOLA | SOUTH AFRICA



## STANDARD SOUNDPROOFING



L



WATER-COOLED



THREE PHASE



50 HZ



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	768,8
Rated Output (ESP)	kW	853,8
Manufacturer	DOOSAN	
Model	DP222CC	
Engine Type	4-stroke diesel	
Injection Type	Direct	
Aspiration Type	Turbocharged and after-cooled	
Number of cylinders and arrangement	12-V	
Bore and Stroke	mm	128 x 142
Displacement	L	21,927
Cooling System	Coolant	
Lube Oil Specifications	10W-40 (API CJ-4, CK-4)	
Compression Ratio	14,6:1	

Total oil capacity including tubes, filters	L	78
Total coolant capacity	L	66
Heat dissipated by coolant	kW	375
Governor	Type	Electrical
Air Filter	Type	Dry



- Oil temperature sensor
- Low coolant level sensor
- Exhaust gas compensator
- Diesel engine
- 4-stroke cycle
- Water-cooled
- 24V electrical system
- Standard air filter
- Standard fuel filter
- Standard oil filter
- Radiator with pusher fan
- Radiator water level sensor
- HTW sender
- LOP sender
- Electronic governor
- Hot parts protection
- Moving parts protection



## Generator Specifications | MECC ALTE

Manufacturer	MECC ALTE	
Model	ECO43 2S/4 A	
Poles	No.	4
Connection type (standard)	Star - Parallel	
Mounting type	S-0 18"	
Insulation	Class	H class

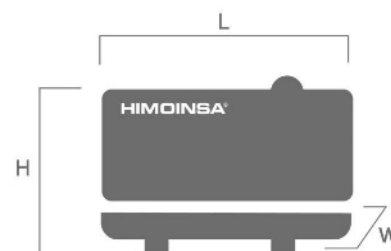
Enclosure (according IEC-34-5)	IP23
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)



- Self-excited and self-regulated
- 4 poles
- AVR governor
- IP23 protection
- H class insulation

## WEIGHT AND DIMENSIONS

Standard Version		
Length (L)	mm	5.960
Height (H)	mm	2.856
Width (W)	mm	2.622
Maximum shipping volume	m <sup>3</sup>	44,63
Weight with liquids in radiator and sump		Ask
Fuel tank capacity	L	1000
Autonomy	Hours	7
Steel tank		



## SOUND PRESSURE

Sound pressure level	dB(A)@7m	77 ± 2,4
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## APPLICATION DATA

### EXHAUST SYSTEM

Maximum exhaust temperature	°C	535
Exhaust Gas Flow	m <sup>3</sup> /min	147
Maximum allowed back pressure	kPa	5,9
Heat dissipated by exhaust pipe	kW	618

### NECESSARY AMOUNT OF AIR

Cooling Air Flow	m <sup>3</sup> /s	21,1
Alternator fan air flow	m <sup>3</sup> /s	1,5

### FUEL CONSUMPTION

Fuel Consumption 100% ESP	l/h	212
Fuel Consumption 70 % ESP	l/h	151,43
Fuel Consumption 100% PRP	l/h	190
Fuel Consumption 70 % PRP	l/h	138
Fuel Consumption 50 % PRP	l/h	102

### FUEL SYSTEM

Fuel Oil Specifications		Diesel
Fuel Tank	L	1.000

### STARTING SYSTEM

Starting power	kW	7
Starting power	CV	9,52
Auxiliary Voltage	Vdc	24



Soundproofed version

- Steel chassis
- Tilting cap in the exhaust
- Anti-vibration shock absorbers
- Chassis with integrated fuel tank
- Fuel level gauge
- External emergency stop switch
- Bodywork made from high quality steel plate
- 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
- Fuel transfer pump
- Steel residential silencer -35db(A) attenuation.
- Oil sump extraction kit
- Emergency stop button (double emergency stop protection: Interior on the panel + Exterior on the bodywork)
- 3 way valve for external fuel supply (available in 1/2" and 3/8" fittings) (Optional).
- Manual oil drain pump (Optional).
- Chassis drain plug (Optional).



## Electrical system

- Electric control and power panel with measurements devices and control unit (according to necessity and configuration)
- 3-pole thermal magnetic circuit breaker
- Connection panel wired to the safety protection (open thermal magnetic protection and alarm)
- Maintenance-free and anti-explosion battery
- Battery Switch
- Battery charger alternator with ground connection
- Starter battery/ies installed (cables and bracket included)
- Ground connection electrical installation with connection ready for ground spike (not supplied)
- Water Jacket Heater (Opcional).