P9000 400V 50Hz #MCP

Main Features		
Frequency	Hz	50
Voltage	V	400
Power factor	cos ϕ	0.8
Phase		3

Power Rating		
Emergency Standby Power ESP	kVA	9.45
Emergency Standby Power ESP	kW	7.56
Continuous power COP	kVA	7.72
Continuous power COP	kW	6.18

Ratings definition (According to standard ISO8528 1:2005)

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Engine specifications		
Engine Brand		Yanmar
Model		2TNV70-APGE
[50Hz] Exhaust emission level		Stage V
Engine cooling system		Water
Displacement	cm³	570
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Diesel
Oil capacity	l	2,2
Coolant capacity	l	0,9
Starting system		Electric
Electric circuit	V	12

Alternator Specifications		
Alternator		NSM
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	400
Voltage tolerance	%	6

Dimensional data		
Length	(L) mm	1245
Width	(W) mm	760
Height	(H) mm	1032
Dry weight	kg	345
Fuel tank capacity	l	35

Autonomy		
Fuel consumption at 75% of Load	l/h	1.77
Fuel consumption at 100% of Load	l/h	3.09
Running time at 75% of load	h	19.77
Running time at 100% of load	h	11.33

Noise level		
Guaranteed noise level (LWA)	dB(A)	92
Noise pressure level @ 7 m	dB(A)	64

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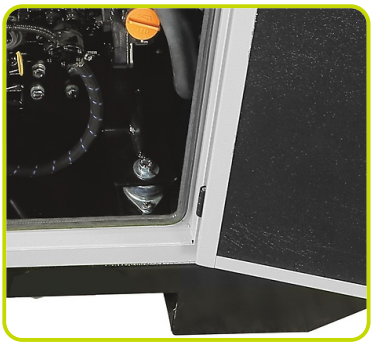
Genset equipment

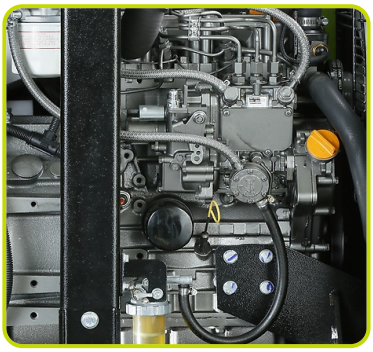
STEEL SUPPORTING FRAME:
• Sturdy Supporting Frame for moto-alternator and canopy.
• Anti-vibration mounting properly sized.



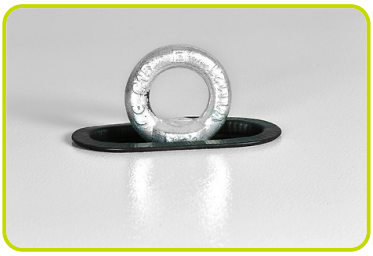
FULLY BUNDED BASEFRAME:
• Base forcable by forklift.
• Welder base with drainage point
• Big fuel integrated tank for an increased autonomy.
• Fuel level sensor.
• Fuel refiling point external for simple and rapid refueling operations (cap with key available as an accessory)

EASY AND FAST MAINTENACE SERVICE:
• Designed to access all components by opening the roof (opening and closing with safety key).
• Side door for engine service and maintenance (opening with locking system from inside the compartment)
• Oil draining pipe with cap.

ENGINE COMPLETE WITH:
• Battery
• Liquids (No Fuel)
• Water temperature sensor
• Lube oil pressure sensor



CANOPY:
• Modular type canopy designed for easy access to all components using only one side
• Weatherproof enclosure made of galvanized sheet metal.
• Noise attenuation thanks to high quality soundproofing material.
• Efficient residential silencer placed inside the canopy
• Single lifting points for easy Handling.



GENSET CONTROL:
• User friendly manual/remote start panel.
• Complete genset control and protection.
• Prepared for remote control
• Protection cover in plexiglass for controller

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GENSET CONTROL PANELS

Mounted on the genset and complete of: instrumentation, control, protection of the generating set and sockets.

The control panel is equipped with:

- Emergency stop button
- CONNector as standard for RSS Remote Start Stop Wireless (accessories available)

Arsilici MC005D Control unit:

- Display
- Led alarm D+ (positive dynamo)
- Led alarm fuel
- Led alarm oil
- Led termperature alarm
- Led Power Supply

SOCKET TYPE

SCHUKO 230V 16A IP68	1
2P+T CEE 230V 16A IP67	2
3P+N+T CEE 400V 16A IP67	1

SUPPLEMENTS CONTROL (Available when ordered)

DPP – Differential Protection

Differential protection is device used to protect installations against indirect contact.

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ACCESSORIES CONTROL PANEL

AMF - AUTOMATIC CONTROL PANEL

This accessory permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:
- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acustic alarm
- 8 meters control wiring (with CONNector)
- External start stop capability
- Emergency stop button

Instrumentation (DGT):
- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:
- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown

RSS - REMOTE START / STOP

RSS Remote start/stop wireless with CONNector (max Distance 90m)

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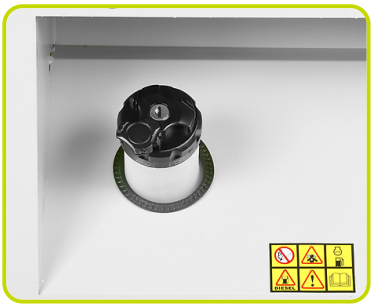
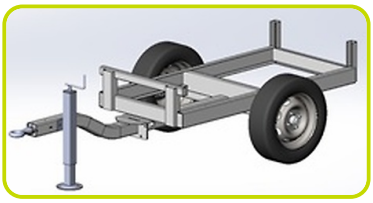
ACCESSORIES

FCK - Fuel cap with key



STR - Site Trailer



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