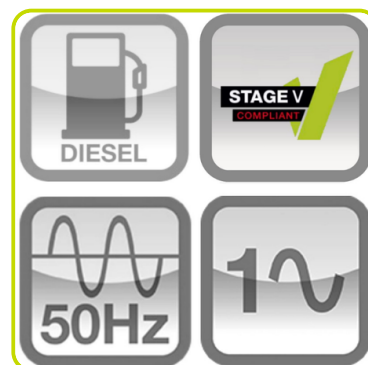


P9000 230V 50Hz #AVR #MCP #DPP #FCK #JAUS



Power Rating

Maximum power MAX	kVA	8.0
Maximum power MAX	kW	7.2
Continuous power COP	kVA	6.5
Continuous power COP	kW	5.9
Frequency	Hz	50
Voltage	V	230
Power factor	cos ϕ	0.9
Phase		1
Fuel		Diesel



Ratings definition (ISO-8528-1)

MAX - Maximum Power:

It is defined as the power given by multiplying the current and voltage that the generating set is capable of delivering for at least 5 min. Prescribed output voltage shall be within ± 10 % of the rated voltage and prescribed output frequency shall be within ± 8 % of the rated frequency.

COP - Continuous Power:

It is defined as being the maximum power which the generating set is capable of delivering continuously while supplying a constant 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.

Gensets are compliant with EC mark which includes the following directives and standards and subsequent modification and integration:

- 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) – If applicable
- 97/68/EC Emissions of gaseous and particulate pollutants. (amended by 2016/1628 EC) – If applicable
- ISO 8528 as applicable
- 2011/65 ROHS
- EN 12100, EN 13857, EN 60204 as referred into the ISO8528-13

Company with quality certification ISO 9001



Engine specifications

Engine Brand	Yanmar	
Model	2TNV70-APGE	
[50Hz] Exhaust emission level	Stage V	
Engine cooling system	Water	
Displacement	cm ³	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	
Type	Brushless	
Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage	V	230
Voltage regulation system	AVR	
Standard AVR	AVR960D	
Voltage tolerance	%	2

Dimensional data

Length	(L) mm	1245
Width	(W) mm	760
Height	(H) mm	1032
Weight	kg	345

Fuel Tank - Autonomy

Fuel tank capacity	l	35
Fuel consumption @ 75% COP	l/h	2.02
Fuel consumption @ 100% COP	l/h	2.65
Running time @ 75% COP	h	17.33
Running time @ 100% COP	h	13.21

Noise level

Guaranteed noise level (LWA)	dB(A)	92
Noise pressure level @ 1 m	dB(A)	81
Noise pressure level @ 7 m	dB(A)	64

Electrical Data

Battery Voltage	V	12
Battery capacity	Ah	45
Battery	n	1



Genset equipment

ENCLOSURE:

- Weatherproof enclosure made of galvanized sheet metal.
- Superior noise attenuation thanks to high quality soundproofing material.
- Highly efficient residential silencer integrated inside the canopy.
- Lockable external fuel filling point for simple and quick refueling operation.
- Lifting bridge with external ring for easy handling on site
- Roof-access to all internal components (roof opening lockable by key).
- Side door for engine maintenance, equipped with internal locking system for added security (opening from inside the compartment).



BASE FRAME AND TANK:

- Fully bunded base frame with drainage point.
- Base frame designed for easy fork handling.
- High capacity integrated fuel tank for extended run-time.
- Fuel level sensor.
- Sturdy supporting frame between engine-alternator and canopy.
- Properly sized anti-vibration mounts.



ENGINE EQUIPPED WITH:

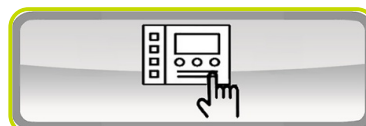
- Battery
- Liquids (No Fuel)
- Water temperature sensor
- Lube oil pressure sensor



GENSET CONTROL PANEL

COMMANDS

- Start selector switch with key: OFF-ON-START
- Emergency stop button
- 2-wire remote start/stop functionality
- Wire colour reference according to AS3000
- MEN Link



PROTECTIONS:

- Circuit breaker
- Differential protection (DPP)



CONTROL UNIT

- LCD Display
- Emergency Stop Shutdown
- Low oil pressure Alarm
- High Coolant temperature Alarm
- Low fuel Level Alarm
- Battery charger alternator failure Alarm
- Undervoltage
- Overvoltage
- Underfrequency
- Overfrequency

SOCKET TYPE

2P+T 230V 15A AU Socket Autoswitched	2
2P+T 230V 32A AU Socket w/lockable switch	1



ACCESSORIES

Galvanized skid base	GSB
Site trailer	STR

