

**QUIET SERIES**

# DS9000Y

QUIET series, 3000r.p.m., equipped with YANMAR diesel engine with electric start using key and battery. These generating sets feature a soundproof canopy and an enlarged fuel tank. GenSets operating at 3000r.p.m. are intended for emergency use only. Use for more than 6 continuous hours or 500 hours per year is not recommended.

ENVIRONMENTAL CONDITIONS	
Temperature	40°C
Altitude	1000 mslm
Humidity	60%

1~ 50Hz. 230V	
YANMAR	
EU STAGE 5	
30 lt	



The image is only for demonstration purposes

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
9	8,1	9,9	8,9

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
350	1220	700	900

## TECHNICAL DETAILS

<b>ELECTRICAL DATA</b>	<b>Electrical system type</b>	1F+N	~
	<b>Power factor</b>	0,9	φ
	<b>Voltage</b>	230	V
	<b>Frequency</b>	50	Hz
	<b>PRP Ampere rating</b>	39,1	A

<b>ENGINE</b>	<b>Engine</b>	YANMAR 2TNV70	
	<b>Emission standard</b>	EU STAGE 5	
	<b>RPM</b>	3000	rpm
	<b>Nr. Of cylinders</b>	2	
	<b>Displacement</b>	570	cc
	<b>Aspiration</b>	Natural	
	<b>Cooling system</b>	Water	
	<b>Engine net prime power</b>	11,4 (8,5)	hp (kW)

<b>CONSUMPTION</b>	<b>Fuel type</b>	Diesel	
	<b>Consumption @ 50% load</b>	1,7	lt/h
	<b>Consumption @ 75% load</b>	2,6	lt/h
	<b>Consumption @ 100% load</b>	2,9	lt/h
	<b>Standard tank capacity</b>	30	lt
	<b>Autonomy @ 75% load</b>	11,5	h

<b>ALTERNATOR</b>	<b>Alternator</b>	NSM	
	<b>Type</b>	Self-excited, with brushes	
	<b>Voltage regulation</b>	AVR	
	<b>Voltage precision</b>	± 2	%

<b>ENGINE</b>	<b>Starting system</b>	Electric
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## OPTIONS

### | STANDARD EQUIPMENT |

Soundproof canopy

Anti-vibration mounts

First-fill fluids

Enlarged fuel tank for extended runtime

Electric start with 12Vdc battery

Automatic voltage regulator (AVR)

Manual control panel:

- nr.1 Schuko 230V and nr.1x16A 3P 230V + nr.1x63A 3P 230V CEE sockets
- Voltmeter, hour meter, and ATS connector
- Main circuit breaker, protection thermal breakers, and battery charger

### | OPTIONAL |

Automatic transfer switch (ATS)

Manual handling trolley

Protective door for control panel

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