

Nominal electrical characteristics

Prime Power (PrP)	kVA	
	kW	
Continuous Power (CoP)	kVA	
	kW	
Power factor	cos ϕ	
Frequency	Hz	
Single-phase voltage	V	
Three-phase voltage	V	
Single-phase current	A	
Three-phase current	A	
Application:		

Other characteristics

Length	mm	
Width	mm	
Height	mm	
Weight	kg	
Noise level at 7 mt.	dB (A)	
Acoustic power level	LWA	

Engine characteristics

Brand		
Type		
Speed	RPM	
Cylinders	n.	
Total displacement	c.c.	
Bore	mm	
Stroke	mm	
Compression ratio		
Power maximum	kW	
ISO 3046-B to 3000RPM	kW	
Ignition		
Cooling system		
Governor		
RPM stability	%	+/-
Aspiration type		
Air filter		
Starting		

Use and installation data

Fuel		
Fuel tank capacity	lt	
Operating range at full load	hours	
Fuel consumption	lt/h	
Oil sump capacity	lt	
Interval oil substitution	h	
Oil consumption	gr/h	
Type of oil	T>30 °C	SAE 40
	5÷30 °C	SAE 30
	-10÷5 °C	SAE 20
	T<-10 °C	SAE 10
Recommended starting battery	A	/
	Ah	/
Exhaust gas flow	lt./min.	
Heat rejection to exhaust system	KW	
Heat rejection to cooling system	KW	
Combustion air flow	lt./min.	
Cooling air flow	mc./min.	
Muffler		

Alternator characteristics

Brand		
Type		
System		
Poles	n.	
Windings connection		
Excitation		
Regulation		
Static voltage precision	%	
Single bearing coupling		
Insulation class		
Protection degree		

Utility cards

Wiring diagram	Code	
Spare parts list	Code	
Overall dimensions drawing	Code	

Standard features

steel tube/stamped plate frame, direct coupling engine/alternator, rubber vibrating dampers, fuel tank, switch-board

Control devices

recoil starter, engine stop, choke lever, no. 2 circuit breakers, fuel tap

Connection devices

socket CEE 17 2x32A+E, socket CEE 17 2x16A+E, terminal for earthing

Monitor devices

voltmeter

Protection devices

low oil level, overload, short circuit; the protection from electric shocks is assured by non-hazardous contact voltage level in the event of fault.

Loose parts inside the package**Optional accessories**

trailer with solid tires for moving manually, 20-lt. fuel tank for wall mounting

Norms

Mechanical safety 89/392/CEE, Radio interference 89/336/CEE (EN 55014),
Electrical safety 73/23/CEE (EN 60335-1)

Documentation

use and maintenance manual for engine, alternator and complete generating set, with spare parts list, CE declaration of conformity, test report

Packaging

single packaging in cardboard box, on wooden pallet

Notes

The rated power PrP (Prime Power ISO 8528) is the maximum power available during a variable load sequence. The rated power CoP (Continuous Power ISO 8528) is the maximum power available during a constant load sequence.

The value of power is guaranteed within 5% after the engine has been run in. This value reduces by 1% every 100 m in altitude and by 2% every 5°C above 20°C.

Please specify also:**Possible Operation Methodes:**

- ☐ emergency unit, start up with mains fail
- ☐ parallel operation with other gensets
- ☐ parallel operation with mains
- ☐ continuous operation
- ☐ What kind of load is supplied by the genset

Mechanical setup:

- ☐ open frame
- ☐ sound attenuation cabinet

Environmental Conditions:

- ☐ Location of operation indoor/outdoor
- ☐ Temperature at operation
- ☐ Humidity at operation