

GENERATOR MODEL		HNCMS20D	
	Generator Specifications	PRP	ESP
	Power	kW/kVA	20 /25 24 /30
	Rated Speed	r.p.m.	1500
	Available Voltages	V	230 ~ 400
	Frequency	Hz	50
	Phase		3-PH
	Power Factor	CosØ	0.8
	Fuel Cons 100%	L/H	7.1
	Auxiliary Voltage	DC	12V
	Number Of Batteries		2



Emergency standby Power (ESP):

Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel Stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Prime Power (PRP):

Applicable for supplying power to varying electrical load for unlimited hours. PrimePower (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Continuous Power (COP):

Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.

HAONENG generators are CE certified and conform to the following Directives:

EN 12100:2010, EN ISO 8528-13: 2016, EN 60204-1: 2018, EN 61000-6-2:2019, 2006/42/CE Machinery safety 2014/35/EU Low voltage 2014/30/EU Electromagnetic compatibility • Power according to ISO 8528 and ISO 3046 • Ambient reference conditions 1000 mbar, 25°C, 30% relative humidity. Information based on standard specification equipment unless otherwise stated.

FREQUENCY

DIESEL FUEL

WATER-COOLED

SOUNDPROOF

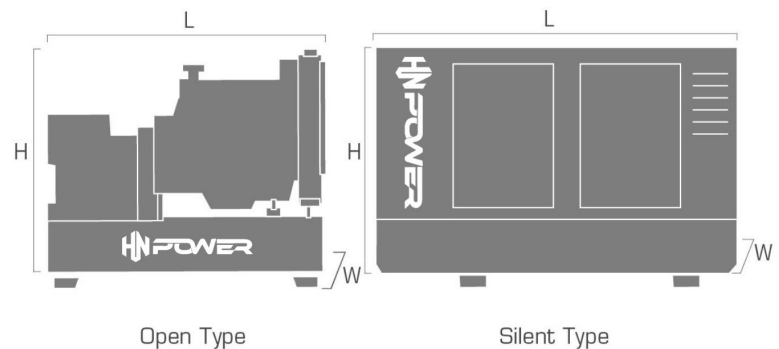
CERTIFICATION

ISO 9001

STACKABLE

DIMENSION		OPEN TYPE	SILENT TYPE
	Length (L)	mm	1620 2300
	Width (W)	mm	840 1000
	Height (H)	mm	1250 1300
	Dry Weight	Kg	744 1295
	Fuel Tank	L	OPTION OPTION

Dimension and Weight



Weights and dimensions based on standard products. 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

ENGINE	CUMMINS
Engine Model	4B3.9-G2
Number Of Cylinders	Four
Cylinder Arrangement	In-Line
Cycle	Four Stroke
Bore x Stroke	102 × 120 mm
Displacement	3.9 L
Voltage Frequency	50HZ
Prime Power/Speed	30 /1500 [kva/rpm]
Standby Power/Speed	33 /1500 [kva/rpm]

ENGINE	CUMMINS
Air Intake Mode	Naturally Aspirated
Speed Governor	Electronic Speed Regulation
Start Type	Electrical
Compression Ratio	16.5:1
Speed Stability (%)	≤3%
Consumption @ 100% load PRP	7.1 L/H
Emission	GB 20891-2014 Stage II
Coolong System (Open Type)	50°C Tropical Radiator
Coolong System (Silent Type)	50°C Tropical Radiator

Alternator Specifications

ALTERNATOR	
Alternator Brand	Leroy somer
Rated Voltage	230V/400V
Voltage Frequency	50HZ
Exciter Type	Brushless, Single bearing
Excitation System	AVR
Winding Structure	2/3 pitch

ALTERNATOR	
Insulation Grade	H
Protection Grade	IP22
Power Factor	0.8
Stable Voltage Regulation Rate	≤ ±1%
Transient Voltage Regulation	≤ -18% ~ +20%
Voltage Waveform Distortion rate	THD ≤ 3%



Controller Brands

