GENERATOR MODEL			HN16D	
	Generator Specifications		PRP	ESP
	Power	kW/kVA	16 / 20	17 / 22
	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	6.5	
	Auxiliary Voltage	DC	12V	
	Number Of Batteries		1	

Emergency standby Power (ESP):
Applicable for supplying power to varying electrical load for the duration of powerinterruption of a reliable utili ty source. Emergency Standby Power (ESP) is in accordancewith lS0 8528. Fuel Stop power in accordance with ISO 3046,AS 2789, DIN 6271 andBS 5514.

Prime Power (PRP):
Applicable for supplying power to varying electrical load for unlimited hours. PrimePower (PRP) is in accordance with lS0 8528. Ten percent overload capabili ty is available in accordance with lS0 3046,AS 2789, DIN 6271 and BS 5514.

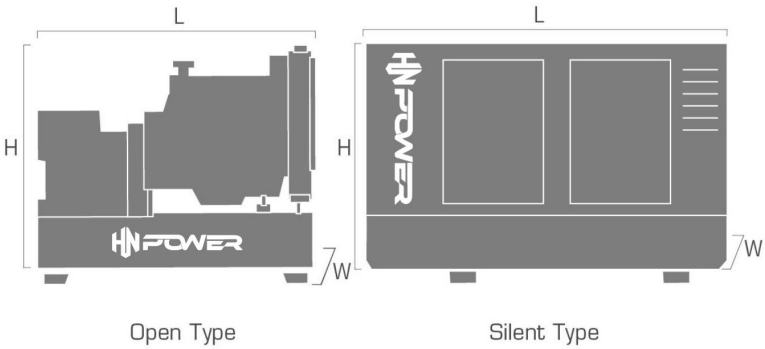
Continuous Power (COP):
Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance wi th lS0 8528, 1S0 3046, AS 2789DIN6271 and BS 5514.

Keypower generators are CE certified and conform to the following Directives:
EN 12100:2010,ENISO 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 accordingto lS0 8528 and lS0 3046 • Ambient reference conditions 1000 mbar, 25'C, 30% relative humidity.Information based on standard specification equipment unless otherwise stated.

50HZ FREQUENCY | DIESEL FUEL | WATER-COOLED | SOUNDPROOF | CERTIFICATION | ISO 9001 | STACKABLE

DIMENSION			OPEN TYPE	SILENT TYPE
	Length (L)	mm	1590	2100
	Width (W)	mm	720	900
	Height (H)	mm	1000	1300
Kg	Dry Weight	Kg	500	900
	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	HAONENG
Engine Model	HN490D
Number Of Cylinders	Four
Cylinder Arrangement	In-Line
Cycle	Four Stroke
Bore x Stroke	90 × 100 mm
Displacement	2.544 L
Voltage Frequency	50HZ
Prime Power/Speed	27 / 1500 [kva/rpm]
Standby Power/Speed	30 / 1500 [kva/rpm]

ENGINE	HAONENG
Air Intake Mode	Naturally Aspirated
Speed Governor	Electronic Speed Regulation
Start Type	Electrical
Compression Ratio	18:1
Speed Stability (%)	≤3%
Consumption @ 100% load PRP	6.5 L/H
Emission	GB 20891-2014 Stage Ⅱ
Coolong System（Open Type）	50℃ Tropical Radiator
Coolong System（Silent Type）	50℃ Tropical Radiator

Alternator Specifications

ALTERNATOR	
Alternator Model	HNK-164E2
Prime Power/Speed	20 / 1500 [kva/rpm]
Standby Power/Speed	22 / 1500 [kva/rpm]
Rated Voltage	400V
Voltage Frequency	50HZ
Exciter Type	Brushless, Single bearing
Excitation System	AVR

ALTERNATOR	
Winding Structure	2/3 pitch
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

Deep Sea

DSE®

SmartGen

SmartGen ideas for power

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