GENERATOR MODEL			HNDYC89D	
	Generator Specifications		PRP	ESP
	Power	kW/kVA	89 / 112	96 / 121
	Rated Speed	r.p.m.	1500/1800	
	Available Voltages	V	220~440	
	Frequency	Hz	50/60	
	Phase		3-PH	
	Power Factor	CosØ	0.8	
	Fuel Cons 100%	L/H	26.4	
	Auxiliary Voltage	DC	24V	
	Number Of Batteries		2	

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.

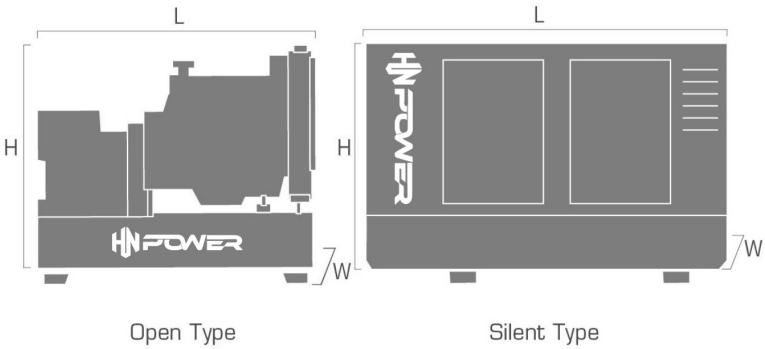
Continuous Power (COP):
Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance wi th lS0 8528, 1S0 3046, AS 2789DIN6271 and BS 5514.

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.

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

DIMENSION			OPEN TYPE	SILENT TYPE
	Length (L)	mm	1920	2900
	Width (W)	mm	1000	1100
	Height (H)	mm	1400	1600
Kg	Dry Weight	Kg	1180	1750
	Fuel Tank	L	OPTION	OPTION

Dimension and Weight



Open Type Silent Type

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	DEUTZ
Engine Model	BF4M1013EC G2
Number Of Cylinders	Four
Cylinder Arrangement	In-Line
Cycle	Four Stroke
Bore x Stroke	108 × 130 mm
Displacement	4.764 L
Voltage Frequency	50/60HZ
Prime Power/Speed	131 / 1500 [kva/rpm]
Standby Power/Speed	145 / 1500 [kva/rpm]

ENGINE	DEUTZ
Air Intake Mode	Turbocharged
Speed Governor	Electronic Speed Regulation
Start Type	Electrical
Compression Ratio	19:1
Speed Stability (%)	≤3%
Consumption @ 100% load PRP	26.4 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 Brand	Stanford
Rated Voltage	220V/440V
Voltage Frequency	50/60HZ
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

Deep Sea

DSE®

SmartGen

SmartGen
ideas for power

tak.haoneng@gmail.com

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