



GENERATOR MODEL			HNSC50D	
	Generator Specifications		PRP	ESP
•	Power	kW/kVA	50 / 62	55 / 68
2	Rated Speed	r.p.m.	1500,	/1800
V	Available Voltages	V	220	440
50/60 HZ	Frequency	Hz	50,	/60
3 PH	Phase		3-1	PH
	Power Factor	CosØ	0	.8
â	Fuel Cons 100%	L/H	15	5.4
Αrb	Auxiliary Voltage	DC	24	4V
	Number Of Batteries		5	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 ISO 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 ISO 8528. Ten percent overload capabili ty 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 wi th ISO 8528, 1SO 3046, AS 2789DIN6271 and BS 5514.

HAONENG 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 according to IS0 8528 and ISO 3046 • Ambient reference conditions 1000 mbar, 25°C, 30% relative humidity.Information based on standard specification equipment unless otherwise stated.











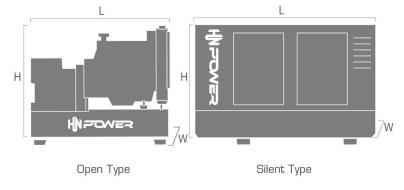






DIM	ENSION		OPEN TYPE	SILENT TYPE
	Length (L)	mm	1750	2400
W	Width (W)	mm	750	1000
M.	Height (H)	mm	1200	1300
Kg	Dry Weight	Kg	890	1350
	Fuel Tank	L	OPTION	OPTION

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	SDEC
Engine Model	4ZT4.1-G21
Number Of Cylinders	Four
Cylinder Arrangement	In-Line
Cycle	Four Stroke
Bore x Stroke	$105 \times 118 \text{ mm}$
Displacement	4.1 L
Voltage Frequency	50/60HZ
Prime Power/Speed	75 / 1500 [kva/rpm]
Standby Power/Speed	82 / 1500 [kva/rpm]

Engine Specifications

ENGINE	SDEC
Air Intake Mode	Turbocharged
Speed Governor	Electronic Speed Regulation
Start Type	Electrical
Compression Ratio	18.5:1
Speed Stability (%)	≤3%
Consumption @ 100% load PRP	15.4 L/H
Emission	GB 20891-2014 Stage II
Coolong System (Open Type)	50°℃ Tropical Radiator
Coolong System (Silent Type)	50°°C Tropical Radiator

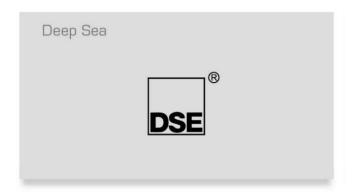


Alternator Specifications

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	Н
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





Add: No. 45 Beach, Zhoujun Village, Tangxia Town, Jiangmen City, Guangdong Province, China