

GENERATOR MODEL			HNWEW500D	
	Generator Specifications		PRP	ESP
•	Power	kW/kVA	500 / 625	560 / 700
②	Rated Speed	r.p.m.	15	00
V	Available Voltages	V	230	400
50/60 HZ	Frequency	Hz	5	0
3 PH	Phase		3-1	РΉ
	Power Factor	CosØ	0	.8
â	Fuel Cons 100%	L/H	12	6.7
érò	Auxiliary Voltage	DC	24	IV
	Number Of Batteries		6	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 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 wi th ISO 8528, 1SO 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 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.









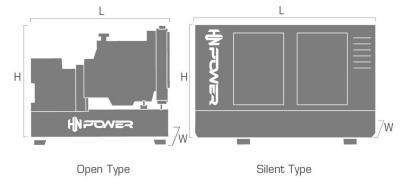






DIM	ENSION		OPEN TYPE	SILENT TYPE
	Length (L)	mm	TBD	TBD
W	Width (W)	mm	TBD	TBD
<u>H</u>	Height (H)	mm	TBD	TBD
Kg	Dry Weight	Kg	TBD	TBD
	Fuel Tank	L	TBD	TBD

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	VOLVO
Engine Model	TWD1644GE
Number Of Cylinders	Six
Cylinder Arrangement	In-Line
Cycle	Four Stroke
Bore x Stroke	144 × 165 mm
Displacement	16.12 L
Voltage Frequency	50HZ
Prime Power/Speed	692 / 1500 [kva/rpm]
Standby Power/Speed	761 / 1500 [kva/rpm]

Engine Specifications

ENGINE	VOLVO
Air Intake Mode	Turbocharged&Intercooled
Speed Governor	Electronic Speed Regulation
Start Type	Electrical
Compression Ratio	16.8:1
Speed Stability (%)	≤5%
Consumption @ 100% load PRP	126.7 L/H
Emission	GB 20891-2014 Stage III
Coolong System (Open Type)	50°℃ Tropical Radiator
Coolong System (Silent Type)	50°℃ Tropical Radiator



Alternator Specifications

ALTERNATOR		
Alternator Model	HNI-354FS	
Prime Power/Speed	625 / 1500 [kva/rpm]	
Standby Power/Speed	$687.5 / 1500 [\mathrm{kva/rpm}]$	
Rated Voltage	400V	
Voltage Frequency	50HZ	
Exciter Type	Brushless, Single bearing	
Excitation System	AVR	

ALTERNATOR	
Winding Structure	2/3 pitch
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



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