GENERATOR MODEL			HNWC300D	
	Generator Specifications		PRP	ESP
	Power	kW/kVA	300 / 375	320 / 412
	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	79.5	
	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.

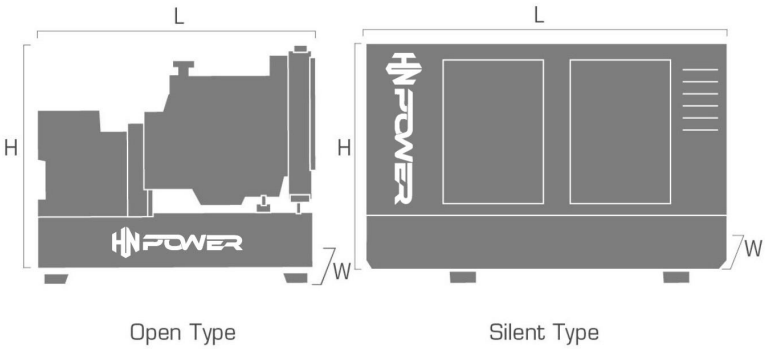
Continuous Power (COP):
Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance wi th lS0 8528, 1S0 3046, AS 2789DIN6271 and BS 5514.

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.

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

DIMENSION			OPEN TYPE	SILENT TYPE
	Length (L)	mm	3350	4200
	Width (W)	mm	1150	1600
	Height (H)	mm	1800	2250
Kg	Dry Weight	Kg	2500	3846
	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	WEICHAI
Engine Model	WP12D353E200
Number Of Cylinders	Six
Cylinder Arrangement	In-Line
Cycle	Four Stroke
Bore x Stroke	126 × 155 mm
Displacement	11.59 L
Voltage Frequency	50HZ
Prime Power/Speed	437 / 1500 [kva/rpm]
Standby Power/Speed	481 / 1500 [kva/rpm]

ENGINE	WEICHAI
Air Intake Mode	Turbocharged&Intercooled
Speed Governor	Electronic Speed Regulation
Start Type	Electrical
Compression Ratio	17:1
Speed Stability (%)	≤3%
Consumption @ 100% load PRP	79.5 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	HNI-314FS
Prime Power/Speed	375 / 1500 [kva/rpm]
Standby Power/Speed	412.5 / 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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