

GENERATOR MODEL			HNSC450D	
	Generator Specifications		PRP	ESP
G	Power	kW/kVA	450 / 562	500 / 625
0	Rated Speed	r.p.m.	1500	
\heartsuit	Available Voltages	V	230~400	
50/60 HZ	Frequency	Hz	50	
3 PH	Phase		3- PH	
A	Power Factor	CosØ	0.8	
٦	Fuel Cons 100%	L/H	125	
âD.	Auxiliary Voltage	DC	24V	
	Number Of Batteries		2	



Emergency standby Power (ESP):

Applicable for supplying power to varying electrical load for the duration of power interruption 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, ISO 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 IS0 8528 and IS0 3046 • Ambient reference conditions 1000 mbar, 25'C, 30% relative humidity.Information based on standard specification equipment unless otherwise stated.





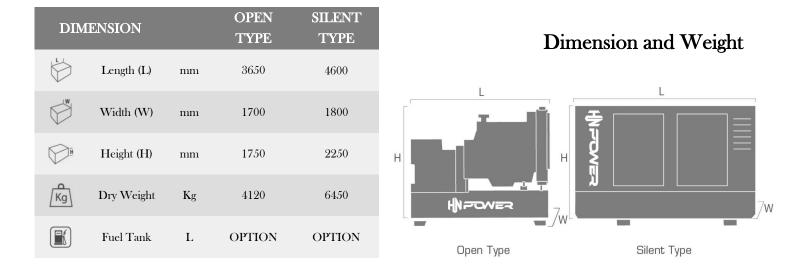












Weights and dimensions based on standard products. Technical data described in this catalogue correspond to the available information at the moment of printing. The illustrations and images are indicative and may not coincide in their entirety with the product.Industrial design under patent.









ENGINE	SDEC
Engine Model	6KTAA25-G310
Number Of Cylinders	Six
Cylinder Arrangement	In-Line
Cycle	Four Stroke
Bore x Stroke	$170\times185~\mathrm{mm}$
Displacement	25.2 L
Voltage Frequency	50HZ
Prime Power/Speed	650 / 1500 [kva/rpm]
Standby Power/Speed	715 / 1500 [kva/rpm]

Engine Specifications

ENGINE	SDEC	
Air Intake Mode	Turbocharged&Intercooled	
Speed Governor	Electronic Speed Regulation	
Start Type	Electrical	
Compression Ratio	16:1	
Speed Stability (%)	≤3%	
Consumption @ 100% load PRP	125 L/H	
Emission	GB 20891-2014 Stage III	
Coolong System (Open Type)	50°°C Tropical Radiator	
Coolong System (Silent Type)	50°°C Tropical Radiator	

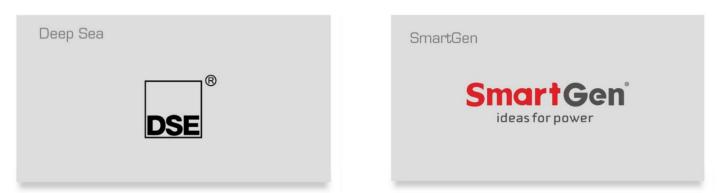


Alternator Specifications

ALTERNATOR				
Alternator Model	HNI-354ES			
Prime Power/Speed	$562.5 / 1500 \; [kva/rpm]$			
Standby Power/Speed	$612.5 / 1500 \; [kva/rpm]$			
Rated Voltage	400V			
Voltage Frequency	50HZ			
Exciter Type	Brushless, Single bearing			
Excitation System	AVR			

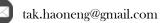
ALTERNATORWinding Structure2/3 pitchInsulation GradeHProtection GradeIP22Power Factor0.8Stable Voltage Regulation Rate $\leq \pm 1\%$ Transient Voltage Regulation $\leq -18\% \ ^{-} \pm 20\%$ Voltage Waveform Distortion rateTHD $\leq 3\%$





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Controller Brands



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