

Standard Series

Performance Data



▲NES25E13



▲NES150EH



Ultra-Low Noise Models

★marked model is passed the 2nd Emission Control Regulation, by Ministry of Land, Infrastructure and Transport.



Item	Mode Units	NES13EK		NES25E13		NES45EH		NES60EH		NES100EI						
		Frequency	Hz	50	60	50	60	50	60	50	60	50	60			
Output	kVA	3-phase 10.5 Single phase 3-wire, 6.1		3-phase 13 Single phase 3-wire, 7.5		3-phase 20 Single phase 3-wire, 11.5		3-phase 25 Single phase 3-wire, 14.4		37	45	50	60	80	100	
	kW	3-phase 8.4 Single phase 3-wire, 6.1		3-phase 10.4 Single phase 3-wire, 7.5		3-phase 16 Single phase 3-wire, 11.5		3-phase 20 Single phase 3-wire, 14.4		29.6	36	40	48	64	80	
Voltage	V	3-phase 200 Single phase 3-wire, 100-200		3-phase 220 Single phase 3-wire, 110-220		3-phase 200 Single phase 3-wire, 100-200		3-phase 220 Single phase 3-wire, 110-220		200	220	200	220	200	220	
Current	A	30.3	34.1	57.7	65.6	107	118	144	157	231	262					
No. of poles		4														
Power Factor (*1)		80% Lagging														
Type		Brushless AC Generator														
Single-Phase Output	Voltage	V	100	110	100	110	100	110	100	110	100	110				
	Current	A	-		60×1 Circuits		60×2 Circuits		75×2 Circuits		100×2 Circuits					
	Outlets		15A×2		15A×2		15A×2		15A×2		15A×2					
Engine Model		KUBOTA D1503		ISUZU AA-4LE1		HINO W04D-K		HINO W04D-TG		ISUZU DD-6BG1T						
Type		Swirl Chamber Type				Direct Injection Type		Direct injection type with turbo charger								
Cylinders Bore × Stroke	mm	3-83×92.4		4-85×96		4-104×118		4-104×118		6-105×125						
Total Displacement	ℓ	1.499		2.179		4.009		4.009		6.494						
Rated Output	kW	11.5	13.7	19.1	23.5	34.9	41.9	50.4	59.6	73.6	91.2					
	PS	15.6	18.6	26	32	47.5	57	68.5	81	100	124					
Speed	min ⁻¹	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800					
Fuel Consumption	50% Load	ℓ / H	1.9	2.4	2.9	3.6	4.6	5.7	6.2	7.7	10	13				
	75% Load	ℓ / H	2.4	3.0	3.7	4.7	6.3	7.8	8.6	10.5	14	18				
Engine Oil Volume	ℓ	6.5		8		16.5		16.5		20						
Battery		80D26R (NX110-5)		80D26R (NX110-5)		55B24L (NX100-S6)		55B24L (NX100-S6)		95D31R (NX120-7)						
Fuel Tank Capacity	ℓ	58		65		100		125		200						
Fuel		Diesel Fuel														
Dimensions, Weight	Height	mm	950		950		1,190		1,190		1,290					
	Length(*2)	mm	1,480		1,570		1,995		2,245		2,730					
	Width	mm	650		700		880		880		1,050					
	Dry Weight	kg	520		580		1,150		1,200		1,650					
	Mass in Working Order	kg	580		660		1,260		1,335		1,850					
Sound Power Level (*3)	dB	83		90		90		92		93						
Noise Reference Value (Previous Calculation)	dB	58		62		62		63		65						

1. NES13~NES100 are fixed frequency type generators. They are preset at the factory at 200V/50 Hz for 50 Hz areas and 220V/60Hz for 60 Hz areas.
 (*1) Power factor 100% when single-phase 3-wire is used (*2) () exclude a rain cover dimension (*3) 60 Hz/No load, New standard formula (LWA)