



Item			NES100E1		NES125EH		NES150EH		NES220EM			
Alternator	Frequency		Hz	50	60	50	60	50	60	50	60	
	Three-phase 4-wire type	Output		kVA	80	100	100	125	125	150	195	220
				kW	64	80	80	100	100	120	156	176
	200V	Voltage	V	200	220	200	220	200	220	200	220	
		Current	A	231	262	289	328	361	394	563	577	
	400V	Voltage ^{※1}	V	400	440	400	440	400	440	400	440	
		Current ^{※1}	A	115	131	144	164	180	197	281	289	
	Type & Power Factor			Brushless Alternator, 3-Phase, 4-Wire, 4-Poles, Power Factor 80% Lagging								
	Diesel Engine	Engine model			ISUZU DD-6BG1T		HINO J08C-UD		HINO J08C-UD		MITSUBISHI 6D24-TLE2B	
		Type			Direct injection type with turbocharger		Direct injection type with turbocharger and intercooler					
Cylinders			6		6		6		6			
Bore × Stroke		mm	105 × 125		114 × 130		114 × 130		130 × 150			
Displacement		L	6.494		7.961		7.961		11.94			
Rated output		kW	73.6	91.2	118	140	118	140	181	199		
Revolution		min ⁻¹	1500	1800	1500	1800	1500	1800	1500	1800		
Fuel consumption		50% load	L/H	9.8	12.6	11.8	14.7	14.1	17.6	22.1	26.5	
		75% load	L/H	13.6	17.6	16.7	20.0	20.0	24.0	30.9	36.6	
Engine oil volume		L	20		24.5		24.5		37			
Battery			95D31R × 2						150F51 × 2			
Fuel tank capacity		L	200		250		250		370			
Fuel			Diesel fuel									
Oil guard capacity		L	—		—		—		—			
Dimensions and weight	Length ^{※2}		mm	2730		3180		3180		3840		
	Width ^{※1}		mm	1050		1130		1130		1290		
	Height		mm	1290		1450		1450		1750		
	Dry weight		kg	1650		2170		2270		3530		
	Operating weight		kg	1850		2420		2520		3910		
Sound power level ^{※3}		dB	93		94		95		95			
Sound power level at 7 meters ^{※4}		dB	65		66		67		67			

※1 **Bold borders** indicate options.

※2 Values in parentheses are dimensions excluding the rain cover.

※3 Value at 60Hz with zero load.

※4 Average sound pressure in 4 directions at no load.