

Model			HDE20SS3		HDE40SS3		HDE60SS3	
Generator Set	Rated frequency	HZ	50	60	50	60	50	60
	Prime power	KVA	22.5	25	37.5	43.75	50	60
		KW	18	20	30	35	40	48
	Standby power	KVA	25	30	41	48	55	66.5
		KW	20	24	33	38.5	44	53
	Rated voltage	V	400/230	416/240	400/230	416/240	400/230	416/240
	Rated current	A	32.6	34.7	47.8	60.8	72.5	83.4
	Rated rotation speed	r/min	1500	1800	1500	1800	1500	1800
Generator Set	Generator manufacture		XINGNUO		XINGNUO		Faraday	
	Generator type		XN184G-1	XN184F-2	XN184H-1	XN184H-2	FD2C-4	
	Pole No.		4		4		4	
	Excitation mode		Brushless, self-excitation and constant voltage(with AVR)		Brushless, self-excitation and constant voltage(with AVR)		Brushless, self-excitation and constant voltage(with AVR)	
	Power factor	COSΦ	0.8(lag)		0.8(lag)		0.8(lag)	
	Insulation grade		H		H		H	
Engine	Engine Manufacture		WEICHA		WEICHA		WEICHA	
	Engine type		WP2.3D25E200	WP2.3D30E201	WP2.3D40E200	WP2.3D47E201	WP4.1D66E200	WP4.1D80E201
	Stucture type		4-cylinder, in-lined, 4-stroke, direct-injected, water-cooled		4-cylinder, in-lined, 4-stroke, direct-injected, turbo charge,water-cooled		4-cylinder, in-lined, 4-stroke, direct-injected, turbo charge,water-cooled	
	Bore×stroke	mm	89×92		89×92		105×118	
	Displacement	L	2.289		2.289		4.087	
	Compression ratio		17.5:1		17.5:1		17.5:1	
	Rated power	KW	23	27	36	43	60	72
	Cooling water volume	Engine	5		5		9.4	
		Radiator	8		8			
	Lubrication system		Pressure splashed		Pressure splashed		Pressure splashed	
	Lube oil brand		Above CD grade or SAE 10W-30, 15W-40		Above CD grade or SAE 10W-30, 15W-40		Above CD grade or SAE 10W-30, 15W-40	
	Lubrication capacity	L	8		8		13	
	Starter system		12V electric start		12V electric start		12V electric start	
	Starter motor capacity	V-KW	12V 3.5KW		12V 3.5KW		24V 4.5KW	
	Charging generator capacity	V-A	14V 35A		14V 35A		28V 18A	
	Battery capacity×Number	V-Ah	12V 80Ah ×1个		12V 80Ah ×1个		12V 80Ah ×2个	
	Fuel consumption	g/KW.h	224	210	216	213	235	235
	Fuel type		0#(summer)-10#(winter)-35#(chillness) diesel		0#(summer)-10#(winter)-35#(chillness) diesel		0#(summer)-10#(winter)-35#(chillness) diesel	
Generator Set	Control panel type		HGM4010N		HGM4010N		HGM4010N	
	Output	Receptacle	2 single phase		2 single phase		2 single phase	
		Connection pole	with		with		with	
	Noise level(@7m)	dB(A)	51	53	51	53	53	57
	Fuel tank capacity	L	90		90		105	
	Air filter inlet flow		240m3/h		240m3/h		320kg/h	
	Exhaust temperature	°C	650		650		570	
	Overall dimensions	mm	1950×950×1200		1950×950×1200		2350×1050×1300	
	Packaging		Plywood board + corrugated box		Plywood board + corrugated box		Plywood board + corrugated box	
Generator Set	Packing dimension	mm	2020×1060×1350		2020×1060×1350		2460×1160×1440	
	Net weight	kg	960		1050			