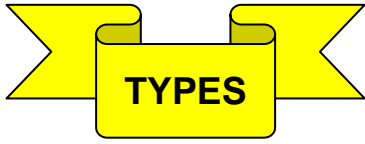


**KEE HING CHEUNG KEE CO., LTD.
DLFTZ CHANG HING KEE
INT'L INDUSTRY & TRADE CO., LTD.**



Diesel Generator Set



TYPES



OPEN TYPE



SOUNDPROOF TYPE



CONTAINER TYPE



TRAILER TYPE

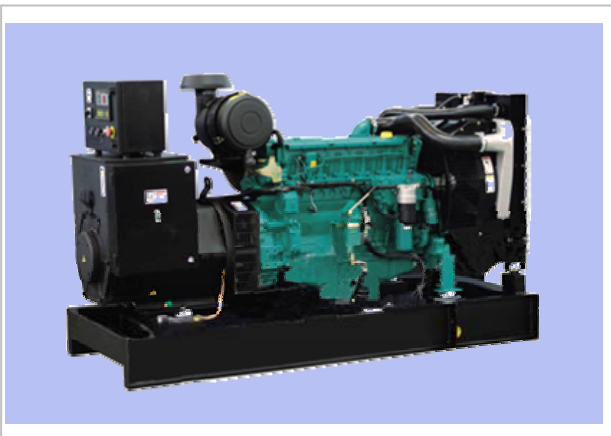
SERIES



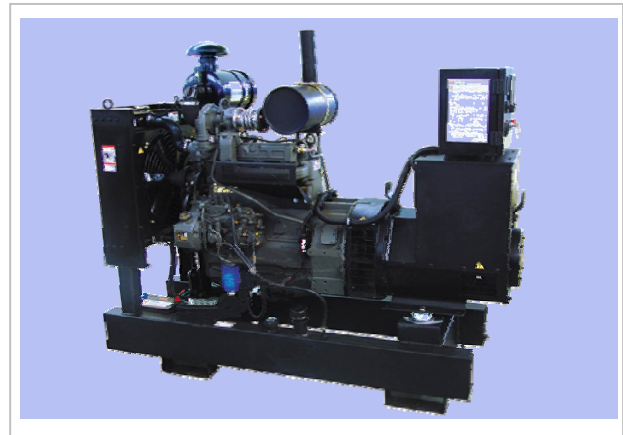
CUMMINS SERIES



DAEWOO SERIES



VOLVO SERIES



DEUTZ SERIES



MTU SERIES



CONTROL SYSTEM

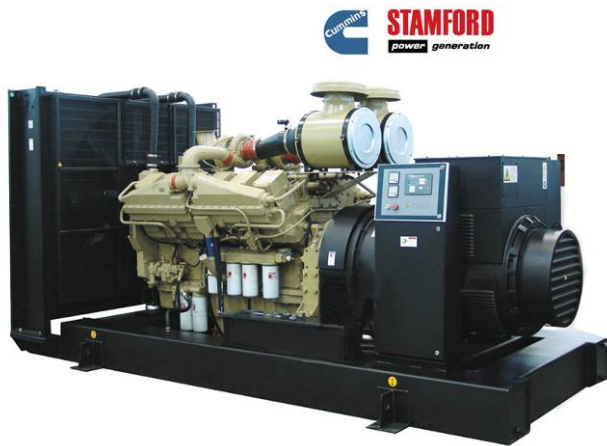


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KHCK C series KH-C28---KH-C1100 (25kVA-1000kVA)

KHCK C series adopt CUMMINS engines. KHCK C series with its high reliability, low running and maintenance cost win the loyalty of many customers in the field of Army, transportation engineering system and mine industries. Established in 1919, headquartered in Columbus. Indiana, (USA) Cummins Inc. serves customers in more than 160 countries and territories through its network of 680 Company-owned and independent distributor locations and more than 5,000 dealer locations. As the largest foreign engine investors of China, Cummins possess Chongqing Cummins Engine Co., Ltd. (produce M, N, K series engine) and Dongfeng Cummins Engine Co., Ltd. (produce B. C. L series engine) produce CUMMINS engines with global uniform quality standard. KHCK and CUMMINS guarantee the most convenience and shortcut service through their service networks.





KH-C28---KH-C125

KHCK Generating Set Model	KH-C28		KH-C40		KH-C65		KH-C103		KH-C125	
	prime	standby	prime	standby	prime	standby	prime	standby	prime	standby
Gen-Set Power (KW)	20	22	30	33	48	52	75	82	92	100
Gen-Set Power (KVA)	25	28	38	41	60	65	94	103	115	125
Engine Manufacturer	Dongfeng Cummins Engine Co.,Ltd (Sino-US Joint Venture Company)									
Engine Model	4BT3.9-G1				4BTA3.9-G2		6BT5.9-G1		6BTA5.9-G2	
Engine Configuration	4-cylinder in line,4-stroke		4-cylinder in line,4-stroke, turbo charged		4-cylinder in line,4-stroke,water to air cooling turbo charged		6-cylinder in line,4-stroke,turbo charged		6 cylinder in line,4-stroke water to air cooling, turbo charged	
Engine Cooling System	Radiators suitable for 40℃ Ambient Temperature, strap drive the cooling fan with protection cover									
Speed Control System	Mechanical governor (Electric governor for option)				Electric Governor (GAC)		Mechanical/Electric Governor (GAC)		Electric Governor	
Start Mode	24V Direct Current Start, including charging alternator									
Engine Filter System	Dry air filter, fuel filters, oil filter, by-pass oil filter, coolant filter									
Engine total displacement (L)	3.9		3.9		3.9		5.9		5.9	
Compress ratio	16.5:1		16.5:1		16.5:1		17.5:1		17.0:1	
Bore × Stroke (mm)	102*120		102*120		102*120		102*120		102*120	
100%Load fuel consumption (L/h)	6.3	6.9	8.8	9.5	12.6	14	20.5	22.5	24	26.4
Intake Flow (L/S)	32.9		44.9		57		108		130	
Exhaust Flow (L/s)	71.1		108		155		280		298	
Exhaust Temperature (℃)	410		487		497		504		535	
Max Back Pressure (Kpa)	10		10		10		10		10	
Oil Capacity (L)	11		11		16.4		16.4		16.4	
Coolant Capacity (L)	20		20		21		24.5		26	
Short circuit Protection	MCCB Breaker									
Rated Voltage /Frequency /Power Factors	400V/230V,50Hz,0.8 lag,3 phase & 4 line									
Stable Frequency Change Rate	<5%				0~5%		<5%		0~5%	
Alternator data	Free Load Voltage Adjusting Range: ≥95%—105% Stable Voltage adjustable rate : less than ±1%; Insulation / Protection Class/IP23; Telephone Influence Factor/telephone harmonic factor: TIF < 50/THF < 2%									
Accessory Attached	Starting battery(maintenance free) and a set of connective wires, a suit of ripple flex exhaust siphon, flange, muffler, absorber in base									
Fuel Tank in Base	Dimension (mm)		1820*760*1280				2230*830*1490		2230*830*1490	
	Weight (kg)		876	893	930		1450		1500	
	Fuel capacity (L)		104				220		220	
Soundproof canopy model		235JY-3				270JY-3		320JY-3		



KH-C142---KH-C275D

KHCK Generating Set Model	KH-C142		KH-C165		KH-C175		KH-C200		KH-C220		KH-C275D		
	prime	standby	prime	standby	prime	standby	prime	standby	prime	standby	prime	standby	
Gen-Set Power (KW)	104	114	120	132	128	140	145	160	160	176	200	220	
Gen-Set Power (KVA)	130	142	150	165	160	175	181	200	200	220	250	275	
Engine Manufacturer	Dongfeng Cummins Engine Co.,Ltd (Sino-US Joint Venture Company)												
Engine Model	6BTAA5.9-G2		6CTA8.3-G2		6CTA8.3-G2		6CTA8.3-G2		6CTAA8.3-G2		6LTAA8.9-G2		
Engine Configuration	6 cylinder in line,4-stroke, air to air cooling turbo charged		6 cylinder in line, 4 stroke, water to air cooling turbo charged		6 cylinder in line,4 stroke, water to air cooling, turbo charged				6 cylinder in line,4-stroke air to air cooling, turbo charged				
Engine Cooling System	Radiators suitable for 40°C Ambient Temperature, strap drive the cooling fan with protection cover												
Speed Control System	Electric Governor (GAC)												
Start Mode	24V Direct Current Start, including charging alternator												
Engine Filter System	dry air filter, fuel filters, oil filter, by-pass oil filter, coolant filter												
Engine total displacement (L)	5.9		8.3		8.3		8.3		8.3		8.9		
Compress ratio	16.0:1		17.0:1		17.0:1		16.5:1		16.0:1		16.0:1		
Bore × Stroke (mm)	102*120		114*135		114*135		114*135		114*135		114*135		
100%Load fuel consumption (L/h)	27.4	30	40	45	32	35	37.5	41.3	42.4	46.7	53	58	
Intake Flow (L/S)	145		206		206		206		187		187		
Exhaust Flow (L/s)	324		578		578		578		485		485		
Exhaust Temperature (°C)	500		589		535		535		535		470		
Max Back Pressure (Kpa)	10		10.1		10.1		10.1		10.1		10.1		
Oil Capacity (L)	16.4		24		24		24		24		27.6		
Coolant Capacity (L)	26		28		28		28		28		28		
Short circuit Protection	MCCB Breaker												
Rated Voltage /Frequency /Power Factors	400V/230V,50Hz,0.8 lag,3-phase & 4-wires												
Stable Frequency Change Rate	<5% adjustable		<5% adjustable		0~5%								
Alternator data	Free Load Voltage Adjusting Range: ≥95%—105% Stable Voltage adjustable rate : less than ±1%; Insulation / Protection Class/IP23; Telephone Influence Factor/telephone harmonic factor: TIF < 50/THF < 2%												
Accessory Attached	Starting battery(maintenance free) and a set of connective wires: a suit of ripple flex exhaust siphon, flange, muffler; absorber in base												
Fuel Tank in Base	Dimension (mm)	2230*830*1520		2230*830*1520		2480*880*1490				2500*830*1500			
	Weight (kg)	1550		1850		1850		1850		2050		2200	
	Fuel capacity (L)	220		250									
Soundproof canopy model	320JY-3								350JY-3				



KH-C350---KH-C375

KHCK Generating Set Model	KH-C350		KH-C375	
	prime	standby	prime	standby
Gen-Set Power (KW)	240	260	280	300
Gen-Set Power (KVA)	300	325	350	375
Engine Manufacturer	Chongqing Cummins Engine Co.,Ltd (Sino-US Joint Venture Company)			
Engine Model	MTAA11-G3		NTA855-G2A	
Engine Configuration	6-cylinder in line,4-stroke,turbo charged, air to air cooling		6-cylinder in line,4-stroke,turbo charged, water to air cooling	
Engine Cooling Mode	Radiator suitable for 40℃ Ambient Temperature, strap drive the cooling fan with protection cover			
Speed Control System	Electric Governor			
Start Mode	24V Direct Current Start, including charging alternator			
Engine Filter System	Dry air filter, fuel filters, oil filter, by-pass oil filter, coolant filter			
Fuel System	PT fuel pump, EFC Electric governor			
Engine total displacement (L)	10.8		14	
Compress ratio	15.0:1		14.0:1	
Bore × Stroke (mm)	125*147		140*152	
Max Exhaust Back Pressure (Kpa)	10			
100%Load fuel consumption (L/h)	62.0	70.9	74.6	81.3
Air Consumption (L/s)	322		425	
Exhaust Gas Flow (L/s)	950		1126	
Exhaust Temperature (℃)	545		563	
Oil Capacity (L)	39		36.7	
Coolant Capacity (L)	61		85	
Short circuit Protection	MCCB Breaker			
Rated Voltage /Frequency /Power Factors	400V/230V,50Hz,0.8 lag,3 phase & 4 wires			
Stable Frequency Change Rate	<5% adjustable		0--5% adjustable	
Alternator data	Free Load Voltage Adjusting Range: ≥95%—105% Stable Voltage adjustable rate : less than ±1%; Insulation / Protection Class/IP23; Telephone Influence Factor/telephone harmonic factor: TIF < 50/THF < 2%			
Accessory Attached	Starting battery(maintenance free) and a set of connective wires: a suit of exhaust siphon, ripple flex exhaust pipe, flange, muffler, tool kit			
Dimension (mm)	3020*1100*1850		3030*1100*1850	
Weight (Kg)	2950		2950	
Fuel Tank in Base	Dimension (mm)	3100*1100*1900		3020*1100*1900
	Weight (kg)	3150		3150
	Fuel capacity (L)	490		490
Soundproof canopy model	420JY-3		420JY-3	



KH-C412---KH-C688

KHCK Generating Set Model	KH-C412		KH-C500		KH-C550		KH-C625		KH-C688		
	prime	standby	prime	standby	prime	standby	prime	standby	prime	standby	
Gen-Set Power (KW)	300	330	360	400	400	440	NA	500	NA	550	
Gen-Set Power (KVA)	375	412	450	500	500	550	NA	625	NA	688	
Engine Power (kW)	343	377	403	448	448	504	NA	555	NA	610	
Engine Manufacturer	Chongqing Cummins Engine Co.,Ltd (Sino-US Joint Venture Company)										
Engine Model	NTAA855-G7		KTA19-G3		KTA19-G4		KTAA19-G5		KTAA19-G6A		
Engine Configuration	6-cylinder in line,4-stroke,turbo charged air to air cooling		6-cylinder in line,4-stroke,turbo charged, water to air cooling				6-cylinder in line,4-stroke,turbo charged air to air cooling				
Engine Cooling System	Radiator suitable for 40°C Ambient Temperature, strap drive the cooling fan with protection cover										
Speed Control System	Electric Governor										
Start Mode	24V Direct Current Start, including charging alternator										
Engine Filter System	dry air filter, fuel filters, oil filter, by-pass oil filter, coolant filter										
Fuel System	PT fuel pump, EFC Electric governor										
Engine total displacement (L)	14		18.9		18.9		18.9		18.9		
Compress ratio	14.0:1		14.5:1		14.5:1		13.5:1		13.5:1		
Bore × Stroke (mm)	140*152		159*159		159*159		159*159		159*159		
Max Exhaust Back Pressure (Kpa)	10										
100%Load fuel consumption (L/h)	83.8	93.1	97	107	107	121	NA	135	NA	152.1	
Air Consumption (L/s)	510		533		579		732		755		
Exhaust Gas Flow (L/s)	1420		1489		1604		1992		2070		
Exhaust Temperature (°C)	515		532		557		480		585		
Oil Capacity (L)	37		50		50		50		50		
Coolant Capacity (L)	72		106		106		116.5		116.5		
Short circuit Protection	MCCB Breaker										
Rated Voltage /Frequency /Power Factors	400V/230V,50Hz,0.8 lag,3 phase & 4 wires										
Stable Frequency Change Rate	0--5% adjustable										
Alternator data	Free Load Voltage Adjusting Range: ≥95%—105% Stable Voltage adjustable rate : less than ±1%; Insulation / Protection Class/IP23; Telephone Influence Factor/telephone harmonic factor: TIF < 50/THF < 2%										
Accessory Attached	starting battery(maintenance free) and a set of connective wires: a suit of exhaust siphon, ripple flex exhaust pipe, flange, muffler, tool kit										
Dimension (mm)	3250*1100*1850		3400*1360*1980		3400*1360*1980		3650*1570*2050		3700*1570*2080		
Weight (Kg)	3200		4100		4150		4500		4550		
Fuel Tank in Base	Dimension (mm)		3250*1160*1900		3400*1360*2030		3400*1360*2030		3650*1570*2050		3700*1570*2080
	Weight (kg)		3450		4200		4250		4600		4650
	Fuel capacity (L)		650		900						
Soundproof canopy model	420JY-3		460JY-3				500JY-3				



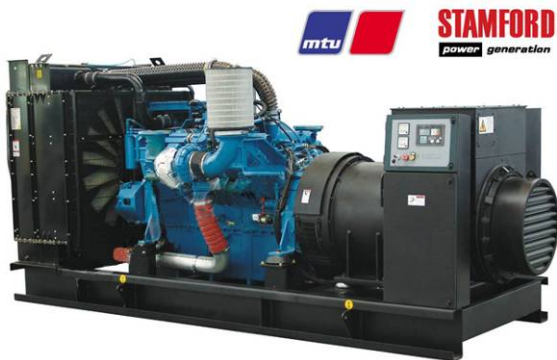
KH-C825---KH-C1100

KHCK Generating Set Model	KH-C825		KH-C880		KH-C1000		KH-C1100		
	prime	standby	prime	standby	prime	standby	prime	standby	
Gen-Set Power (KW)	600	660	640	704	728	800	800	880	
Gen-Set Power (KVA)	750	825	800	880	910	1000	1000	1100	
Engine Power (KW)	664	731	813	895	813	895	880	970	
Engine Manufacturer	Chongqing Cummins Engine Co., Ltd (Sino-US Joint Venture Company)								
Engine Model	KTA38-G2		KTA38-G2A		KTA38-G2A		KTA38-G5		
Engine Manufacturer	Chongqing Cummins Engine Co.,Ltd (Sino-US Joint Venture Company)								
Engine Configuration	12 cylinder in V,4-stroke,turbo charged, water to air cooling								
Engine Cooling System	Radiator suitable for 40°C Ambient Temperature, strap drive the cooling fan with protection cover								
Speed Control System	Electric Governor								
Start Mode	24V Direct Current Start, including charging alternator								
Engine Filter System	Dry air filter, Fuel filters, Oil filter, by-pass oil filter, Coolant filter								
Fuel System	PT fuel pump, EFC Electric governor								
Engine total displacement (L)	37.8		37.8		37.8		37.8		
Compress ratio	14.5:1		14.5:1		14.5:1		13.9:1		
Bore × Stroke (mm)	159*159		159*159		159*159		159*159		
Max Exhaust Back Pressure (Kpa)	10								
100%Load fuel consumption (L/h)	167	184	191	215	191	215	209	228	
Air Consumption (L/s)	920		1126		1126		1213		
Exhaust Gas Flow (L/s)	2643		3225		3225		3306		
Exhaust Temperature (°C)	552		536		536		513		
Oil Capacity (L)	135		135		135		135		
Coolant Capacity (L)	252		252		252		258		
Short circuit Protection	MCCB Breaker								
Rated Voltage /Frequency /Power Factors	400V/230V,50Hz,0.8 lag,3 phase & 4 wires								
Stable Frequency Change Rate	0--5% adjustable								
Alternator data	Free Load Voltage Adjusting Range: ≥95%—105% Stable Voltage adjustable rate : less than ±1%; Insulation / Protection Class/IP23; Telephone Influence Factor/telephone harmonic factor: TIF < 50/THF < 2%								
Accessory Attached	Starting battery(maintenance free) and a set of connective wires: a suit of exhaust siphon, ripple flex exhaust pipe, flange, muffler; tool kit								
Dimension (mm)	4500*2060*2430		4500*2060*2430		4500*2060*2430		4500*2060*2430		
Weight (Kg)	6850		7000		7150		7500		
Fuel Tank in Base	Dimension (mm)	4550*2060*2450		4550*2060*2450		4550*2060*2450		4800*2060*2450	
	Weight (kg)	6900		7050		7200		7550	
	Fuel capacity (L)	1230							
Soundproof canopy model	20 ft containerized type								

KHCK M series KH-M781---KH-M1100 (719VA-1000kVA)

KHCK M-Series Environment-Friendly Gensets

KHCK M environmental series gensets adopt electronic injection diesel engine made by world-famous Brand MTU. The history of MTU can be traced back to the 18th century of mechanical times. Now, following its good traditions, MTU comes out top among manufacturers of engines in the world owing to its unexampled advanced technology. The high quality of MTU's engines is identical with the concept of reliably, advanced technology, high-class performance, environmental consciousness and long service life which is put forward by KHCK. At the same time KHCK adopts MTU in Gensets manufacturing with its high international quality.



Auto Control Panel



Engine Heater



Water separator

- ✧ Protect our earth is not only the policy of KHCK, but also KHCK responsibility!
- ✧ We hope everyone can breath the clean air, own pure at clean lakes and sea, enjoy the sunshine, so each engine we chose must pay attention to decrease emission, reduce fuel consumption and lower its noise.





KH-M781---KH-M1100

KHCK Generating Set Model	KH-M781		KH-M880		KH-M1000		KH-M1100	
	prime	standby	prime	standby	prime	standby	prime	standby
Genset Power(KW)	575	625	640	704	728	800	800	880
Genset Power(KVA)	719	781	800	880	910	1000	1000	1100
Engine Power(KW)	625	688	720	792	805	886	895	985
Engine Model	12V2000G63		16V2000G23		16V2000G63		18V2000G63	
Engine Manufacturer	German Daimler-Chrysler MTU							
Engine Configuration	12 cylinder in V, 4 stroke, turbo charged, air to air cooling		16 cylinder in V, 4 stroke, turbo charged, air to air cooling			18 cylinder in V, 4 stroke, turbo charged, air to air cooling		
Engine Cooling System	Radiators suitable for 40°C ambient temperature, strap drive the cooling fan with protection cover							
Speed Control System	Electric governor (MDEC)							
Start Mode	24V DC start, including charging alternator							
Engine Filter System	dry air filter, oil & water separator, fuel filter, oil filter							
Fuel System	Electric injection fuel system							
Engine Displacement(L)	23.88		31.84		31.84		35.82	
Compression Ratio	16.0:1							
Bore×Stroke (mm)	130X150							
Max Exhaust Back Pressure(Kpa)	5							
100% Load Fuel Consumption(L/h)	145.8	160.5	166.3	182.9	186.9	205.7	207.8	228.7
Air Consumption(L/s)	800		1000		1020		1100	
Exhaust Gas Flow(L/s)	2100		2700		2510		3300	
Exhaust Temperature(°C)	590		560		565		555	
Oil Capacity(L)	77		102		102		130	
Coolant Capacity (L)	178		201		201		212	
Short Circuit Protection	MCCB breaker							
Rated Voltage/Frequency/ Power Factors	400V/230V,50HZ 0.8 lag,3 phase and 4 wires							
Stable Frequency Adjustable Rate	0~5% adjustable							
Alternator Data	free load voltage adjusting range: ≥95%~105%: stable voltage adjustable rate: less than ±1%: insulation class/protection class: H class /IP23: telephone influence factor/telephone harmonic factor: TIF<50/THF<2%							
Accessories Attached	starting battery(maintenance free) and a set of connective wires: a suit of exhaust siphon, ripple flex exhaust pipe, flange, muffler; tool kit							
Fuel Tank in Base	Dimension (mm)	4000×1500×1900		4500×1500×2510		4500×1760×2510		4800×1800×2510
	Weight (Kg)	5500		7400		7500		8050
	Fuel capacity(L)	1400		1500			1600	
Soundproof Canopy Model	20 ft containerized type							

KHCK V series KH-V94---KH-V688 (85kVA-630kVA)

KHCK V series environment consciousness genset's exhaust emission complies with EURO I or EURO III standards, and EPA standard as well. It is powered by VOLVO electronic fuel injection diesel engine, which is made by the global-famous Swedish VOLVO PENTA. VOLVO brand is established in 1927. For a long time, its strong brands are associated with its three core values: quality, safety and care for the environment. The VOLVO group subordinate's company VOLVO PENTA is absorbed in the production of industrial diesel engine, industrial vehicles and marine diesel engine products. It keeps ahead in the field of six cylinders engine and electronic fuel injection technique etc.





KH-V94---KH-V220

KHCK Generating Set Model	KH-V94		KH-V109		KH-V142		KH-V165		KH-V206		KH-V220		
	prime	standby	prime	standby	prime	standby	prime	standby	prime	standby	prime	standby	
Genset Power(KW)	68	75	80	87	104	114	120	132	150	165	160	176	
Genset Power(KVA)	85	94	100	109	130	142	150	165	188	206	200	220	
Engine Power(KW)	78	85	94	102	117	128	140	153	166	183	183	201	
Engine Model	TD520GE		TAD520GE		TD720GE		TAD720GE		TAD721GE		TAD722GE		
Engine Manufacturer	Swedish Volvo PENTA												
Engine Configuration	4 cylinder in line,4 stroke, turbo charged, direct injection fuel system (TAD520GE: air to air cooling)				6 cylinder in line,4 stroke, turbo charged, direct injection fuel system, air to air cooling (no including TD720GE)								
Engine Cooling System	Radiators suitable for 40°C ambient temperature, strap drive the cooling fan with protection cover												
Speed Control System	Mechanical governor, electromagnetic valve controls starting and stopping								Mechanical governor, Electric governor--EDC4				
Start Mode	24V DC start, including charging alternator												
Engine Filter System	dry air filter, oil & water separator, fuel filter, oil filter												
Fuel System	Bosch Single Injection Pump												
Engine Displacement(L)	4.76		4.76		7.15		7.15		7.15		7.15		
Compression Ratio	17.5:1		17.5:1		17.5:1		17.5:1		18.1:1		18.1:1		
Bore×Stroke (mm)	108×130		108×130		108×130		108×130		108×130		108×130		
Max Exhaust Back Pressure(Kpa)	3		5										
100% Load Fuel Consumption(L/h)	19.6	21.6	23.1	25.0	29.4	32.2	32.8	35.9	40.3	44.7	44.7	49.8	
Oil Consumption(L/h)	0.07		0.08		0.10		0.10		0.08	0.08	0.08	0.09	
Air Consumption(L/s)	80		97		135		168		182	185	197	212	
Exhaust Gas Flow(L/s)	257		270		372		445		518	565	565	620	
Exhaust Temperature(°C)	610		520		560		476		527	540	540	557	
Oil Capacity (L)	13		13		20		20		34		34		
Coolant Capacity (L)	22		19.7		22		23.8		37.1		37.1		
Short Circuit Protection	MCCB breaker												
Rated Voltage/Frequency/Power Factors	400V/230V,50HZ,0.8 lag,3 phase and 4 wires												
Stable Frequency Adjustable Rate	less than 4%								0~5% adjustable				
Alternator Data	Free load voltage adjusting range: ≥95%~105%; stable voltage adjustable rate: less than ±1%; insulation class/protection class: H class /IP23;telephone influence factor/telephone harmonic factor: TIF<50/THF<2%												
Accessories Attached	Starting battery(maintenance free) and a set of connective wires; a suit of exhaust siphon, ripple flex exhaust pipe, flange, muffler, absorber;												
Dimension(mm)	2080×680×1450		2080×750×1450		2350×750×1450		2400×870×1450		2550×1050×1500		2550×1050×1500		
Weight(Kg)	1090		1150		1410		1560		1600		1600		
Fuel Tank in Base	Dimension (mm)	2080×940×1550		2080×920×1550		2350×920×1550		2400×920×1550		2600×1000×1770		2600×1000×1770	
	Weight (Kg)	1290		1350		1610		1760		1800		1800	
	Fuel capacity(L)	115		205		235							
Soundproof Canopy Model	270JY-3				320JY-3				350JY-3				



KH-V275---KH-V500

KHCK Generating Set Model	KH-V275		KH-V358		KH-V412		KH-V450		KH-V500		
	prime	standby	prime	standby	prime	standby	prime	standby	prime	standby	
Genset Power(KW)	200	220	260	286	300	330	328	360	370	405	
Genset Power(KVA)	250	275	326	358	375	412	410	450	462	506	
Engine Power(KW)	220	245	295	323	332	363	363	398	401	440	
Engine Model	TAD734GE		TAD941GE		TAD1241GE		TAD1242GE		TAD1640GE		
Engine Manufacturer	Swedish Volvo PENTA										
Engine Configuration	6 cylinder in line,4 stroke, turbo charged, electrical injection fuel system, air to air cooling										
Engine Cooling System	Radiators suitable for 40°C ambient temperature, strap drive the cooling fan with protection cover										
Speed Control System	Engine management system—EMS2				Electric governor-EDCIII				Engine management system-EMS2		
Start Mode	24V DC start, including charging alternator										
Engine Filter System	dry air filter, oil & water separator, fuel filter, oil filter, by-pass oil filter, coolant filter										
Fuel System	Electric injection fuel system										
Engine Displacement(L)	7.15		9.36		12.13		12.13		16.12		
Compression Ratio	17.0:1		17.4:1		17.5:1		17.5:1		17.5:1		
Bore×Stroke (mm)	108×130		120×138		131×150		131×150		144×165		
Max Exhaust Back Pressure(Kpa)	10										
100% Load Fuel Consumption(L/h)	53.4	59.8	70.9	78.4	78.3	86.0	86.0	95.7	95.5	105.8	
Oil Consumption(L/h)	0.01	0.01	0.04	0.04	0.11	0.12	0.12	0.14	0.10	0.10	
Air Consumption(L/s)	268	272	295	327	383	400	400	433	528	603	
Exhaust Gas Flow(L/s)	550	557	775	870	967	1050	1067	1150	1247	1423	
Exhaust Temperature(°C)	495	550	519	539	490	505	505	525	452	456	
Oil Capacity (L)	29		35		35		35		48		
Coolant Capacity (L)	32		41		44		44		93		
Short Circuit Protection	MCCB breaker										
Rated Voltage/Frequency /Power Factors	400V/230V,50HZ,0.8 lag,3 phase and 4 wires										
Stable Frequency Adjustable Rate	0~5% adjustable										
Alternator Data	Free load voltage adjusting range:≥95%~105%; stable voltage adjustable rate: less than ±1%; insulation class/protection class: H class /IP23; telephone influence factor/telephone harmonic factor: TIF<50/THF<2%										
Accessories Attached	starting battery(maintenance free) and a set of connective wires; a suit of exhaust siphon, ripple flex exhaust pipe, flange, muffler, absorber;										
Dimension(mm)	2650×1120×1595		2950×1120×1595		3100×1100×1630		3100×1100×1630		3300×1160×2000		
Weight(Kg)	2400		2700		2810		2970		3800		
Fuel Tank in Base	Dimension (mm)	2650×1050×1670		2950×1120×1770		3100×1120×1850		3100×1120×1850		3300×1270×2030	
	Weight(Kg)	2700		3000		3110		3270		4150	
	Fuel capacity(L)	235		450		520				700	
Soundproof Canopy Model	350JY-3		420JY-3				460JY-3				



KH-V550---KH-V688

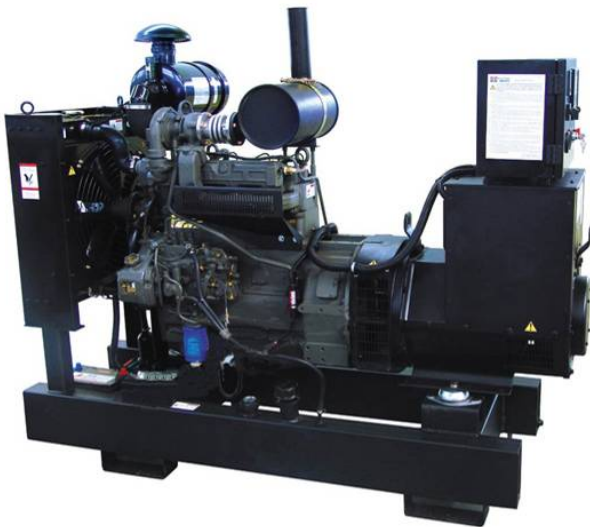
KHCK Generating Set Model	KH-V550		KH-V625		KH-V688	
	prime	standby	prime	prime	standby	prime
Genset Power(KW)	400	440	456	505	505	560
Genset Power(KVA)	500	550	570	630	630	700
Engine Power(KW)	441	484	496	547	553	613
Engine Model	TAD1641GE		TAD1642GE		TWD1643GE	
Engine Manufacturer	Swedish Volvo PENTA					
Engine Configuration	6 cylinder in line,4 stroke, turbo charged, electrical injection fuel system, air to air cooling				6 cylinder in line,4 stroke, dual stage turbo charged, electrical injection fuel system, water to air cooling	
Engine Cooling System	Radiators suitable for 40℃ ambient temperature, strap drive the cooling fan with protection cover					
Speed Control System	Engine management system—EMS2					
Start Mode	24V DC start, including charging alternator					
Engine Filter System	Dry air filter, oil & water separator, fuel filter, oil filter, by-pass oil filter, coolant filter					
Fuel System	electronic injection fuel system					
Engine Displacement(L)	16.12		16.12		16.12	
Compression Ratio	16.5:1		16.5:1		16.5:1	
Bore×Stroke (mm)	144×165		144×165		144×165	
Max Exhaust Back Pressure(Kpa)	10					
100% Load Fuel Consumption(L/h)	104.5	115.2	118.7	132.8	131.0	145.9
Oil Consumption(L/h)	0.10	0.10	0.10	0.11	0.10	0.11
Air Consumption(L/s)	592	633	633	650	728	783
Exhaust Gas Flow(L/s)	1417	1533	1543	1678	1693	1863
Exhaust Temperature(℃)	443	455	471	494	450	463
Oil Capacity (L)	48		48		48	
Coolant Capacity (L)	93		93		128	
Short Circuit Protection	MCCB breaker					
Rated Voltage/Frequency/Power Factors	400V/230V,50HZ,0.8 lag,3 phase and 4 wires					
Stable Frequency Adjustable Rate	0~5% adjustable					
Alternator Data	Free load voltage adjusting range:≥95%~105%; stable voltage adjustable rate: less than ±1%; insulation class/protection class: H class /IP23; telephone influence factor/telephone harmonic factor: TIF<50/THF<2%					
Accessories Attached	Starting battery(maintenance free) and a set of connective wires; a suit of exhaust siphon, ripple flex exhaust pipe, flange, muffler, absorber;					
Dimension(mm)	3300×1160×2000		3300×1160×2000		3400×1380×2050	
Weight(Kg)	3800		3850		4050	
Fuel Tank in Base	Dimension(mm)	3300×1270×2030		3300×1270×2030		3400×1400×2100
	Weight (Kg)	4150		4200		4400
	Fuel capacity(L)	700				800
Soundproof Canopy Model	460JY-3				500JY-3	

KHCK D series KH-D30---KH-D165 (27kVA-150kVA)

KHCK D-series gensets, power coverage from 22KW to 120KW adopt DEUTZ 226B series diesel engine made by Sino-Germany Joint-Venture Company in China, German DEUTZ Engine Company is a world famous engine manufacturer, 226B series have been used and tested thousands of times in various mechanical and marine fields. German DEUTZ Engine Company has transferred all the facilities, technologies, management system to Shandong Weifang Diesel Engine Company, with a capacity over 25,000 units per year.

KH-D series Gensets with following features:

- Compact structure is easy for installation (fixed with absorbers, fuel tank in base, mounted muffler and internal starting battery).
- Advanced technology, high reliability, long time service, low vibration, low noise (less than 85 dBA at 7 m), small dimension and light weight
- High Performance / Price ratio, low running cost.
- Complete control system is easy to operate, with complete functions and reliable protections, etc



Workshop of silent generator set



LED Key-Start/Auto Control Panel



Base Fuel Tank



Mounted Muffler



KH-D30---KH-D48

KHCK Generating Set Model	KH-D30		KH-D34		KH-D40		KH-D48		
	prime	standby	prime	standby	prime	standby	prime	standby	
Genset Power(KW)	22	24	25	27	30	33	34	38	
Genset Power(KVA)	27	30	30	34	38	41	43	48	
Engine Model	D226B-3D		D226B-3D		TD226B-3D		TD226B-3D		
Engine Manufacturer	Sino-Germany Joint-Venture Company (Deutz brand)								
Engine Configuration	3 cylinder in line,4 stroke spontaneously inspiration, direct spray fuel system				3 cylinder in line,4 stroke turbo charged, direct spray fuel system		3 cylinder in line,4 stroke turbo charged, direct spray fuel system		
Engine Cooling System	Radiators suitable for 40℃ ambient temperature, strap drive the cooling fan with protection cover								
Speed Control System	Mechanical governor (Electric governor for option)				Mechanical governor (Electric governor for option)		Mechanical governor (Electric governor for option)		
Start Mode	24V DC start, including charging alternator								
Engine Filter System	dry air filter, fuel filter, oil filter								
Engine Displacement(L)	3.12		3.12		3.12		3.12		
Compression Ratio	16.5:1		16.5:1		16.0:1		16.0:1		
Bore×Stroke (mm)	105*120		105*120		105*120		105*120		
100% Load Fuel Consumption(L/h)	6.5	7.1	7.4	8.0	10.6	10.6	10.6	10.6	
Exhaust Air Flow	34		34		60		60		
Air consumption	2.2		2.2		2.8		2.8		
Exhaust Gas Flow(L/s)	4.78		4.78		6.3		6.3		
Exhaust Temperature(℃)	435		435		455		455		
Oil Capacity (L)	7.25		7.25		7.25		7.25		
Coolant Capacity (L)	15.5		15.5		15.5		15.5		
Short Circuit Protection	MCCB breaker								
Rated Voltage/Frequency/Power Factors	400V/230V,50HZ,0.8 lag,3 phase and 4 wires								
Stable Frequency Adjustable Rate	Less than 5%				Less than 5%		Less than 5%		
Alternator Data	Free load voltage adjusting range:≥95%~105%; stable voltage adjustable rate: less than ±1%; insulation class/protection class: H class /IP23; telephone influence factor/telephone harmonic factor: TIF <50/THF <2%								
Accessories Attached	starting battery(maintenance free) and a set of connective wires; a suit of ripple flex exhaust pipe, flange, exhaust siphon muffler, tool kit								
Fuel Tank in Base	Dimension (mm)	Length	1700		1750		1700		1800
		Wide	750		750		750		750
		height	1350		1350		1350		1460
	Weight (Kg)	615		620		700		1700	
	Fuel capacity(L)	102							
Soundproof Canopy Model	235JY-3								



KH-D65---KH-D165

KHCK Generating Set Model	KH-D65		KH-D106		KH-D142		KH-D165	
	prime	standby	prime	standby	prime	standby	prime	standby
Genset Power(KW)	48	52	78	85	104	114	120	132
Genset Power(KVA)	60	65	98	106	130	142	150	165
Engine Model	TD226B-4D		TD226B-6D		TD226B-6D		TD226B-6D5	
Engine Manufacturer	Sino-Germany Joint-Venture Company (Deutz brand)							
Engine Configuration	4 cylinder in line,4 stroke, exhaust gas turbo charged, direct spray fuel system		6 cylinder in line,4 stroke turbo charged, direct spray fuel system		6 cylinder in line,4 stroke air to air cooling, turbo charged, direct spray fuel system			
Engine Cooling System	Radiators suitable for 40°C ambient temperature, strap drive the cooling fan with protection cover							
Speed Control System	Mechanical governor				Electric governor			
Start Mode	24V DC start, including charging alternator							
Engine Filter System	Dry air filter, fuel filter, oil filter							
Engine Displacement(L)	4.16		6.23		6.23		6.23	
Compression Ratio	16.0:1		16.0:1		16.0:1		16.0:1	
Bore×Stroke (mm)	105*120		105*120		105*120		105*120	
100%Load Fuel Consumption(L/h)	13.6	15.0	20.8	22.7	26.4	29.0	30.3	33.4
Exhaust Air Flow	70		90		120		120	
Air consumption	3.25		6		9		9	
Exhaust Gas Flow(L/s)	7.6		14.5		19.75		19.75	
Exhaust Temperature(°C)	430		480		500		490	
Oil Capacity (L)	9.5		13		13		13	
Coolant Capacity (L)	17		25.8		27		27	
Short Circuit Protection	MCCB breaker							
Rated Voltage/Frequency/ Power Factors	400V/230V,50HZ,0.8 lag,3 phase and 4 wires							
Stable Frequency Adjustable Rate	≤5%		Less than 5%				0-5%	
Alternator Data	Free load voltage adjusting range:≥95%~105%; stable voltage adjustable rate: less than ±1%; insulation class/protection class: H class /IP23; telephone influence factor/telephone harmonic factor: TIF<50/THF<2% factor							
Accessories Attached	Starting battery(maintenance free) and a set of connective wires; a suit of ripple flex exhaust pipe, flange, exhaust siphon muffler, tool kit							
Fuel Tank in Base	Dimension (mm)	Length	2050	2350	2470	2550		
		Wide	750	750	850	850		
		Height	1720	1900	1700	1800		
	Weight (Kg)	825	1150	1200	1500			
	Fuel capacity(L)	130	250					
Soundproof Canopy Model	270JY-3			320JY-3				

Detailed specification of soundproof type



Generation III Soundproof Gensets defining properly in order better to design:

1. All series of soundproof generator sets can be lifted form eye lifting hooks on the top;
2. The structure is more compact, the big built-in muffler makes the noise lower;
3. Give up the traditional bottom air intake design, which can avoid dusts and other impurities inhalation and enlarge the area of air intake and discharge;
4. Separate Separated output cable box, easy for cable connections(especially for field construction and power tenancy);
5. The performace of weatherproof is higher

Soundproof Canopy Model	Dimension (mm*mm*mm)	Fuel Tank Capacity	Noise Level at Full Load dBA at 7m	
			50Hz	60Hz
235JY-3	2380*1040*1580	280L	69	72
270JY-3	2760*1120*1730	320L	70	73
320JY-3	3230*1150*1780	400L	71	74
350JY-3	3590*1220*2030	430L	71	74
420JY-3	4230*1440*2200	670L	72	75
460JY-3	4630*1640*2300	760L	74	78
500JY-3	2030*1640*2530	800L	75	79
20'ft Containerized	6058*2438*2896	Optional	79	82
40' Containerized	12192*2438*2896	Optional	82	86

KHCK DW series KH-DW125---KH-DW712 (114kVA-650kVA)

DAEWOO International Corporation was established in 1937. In 1958, DAWOO started to produce marine engine with an Australian company. In 1975, they cooperated with MAN (German) and started the production of heavy-loading diesel engine. DAEWOO joined Korea DOOSAN Group in April, 2005. With perfect matched, KHCK DW series diesel generator set is low fuel consumption, maintenance fee and noises with high reliable.





KH-DW125

KHCK Generating Set Model	KH-DW125	
	Prime	Standby
Gen-Set Power KW	91	100
Gen-Set Power KVA	114	125
Engine Power (no fan) KW	107	118
Engine Model	D1146T	
Engine Manufacturer	Korea DAEWOO	
Engine Configuration	6-cylinder in line- 4-stroke- Exhaust gas turbocharged	
Speed Control System	Mechanical speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Zexel direct spray "AD" model pump	
100% Load Fuel Consumption L/h	24.3	25.2
Total Engine Displacement L	8.071	
Exhaust Air Flow m ³ /min	303	
Air consumption m ³ /min	6.7	
Exhaust gas Flow m ³ /min	≤25.7	
Exhaust gas Temperature °C	≤620	
Oil Capacity L	15.5	
Coolant Capacity L	39	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	UCI274D	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤5%	
Free load voltage Regulator Range	≥95%- 105%	
Stable Voltage Regulator	≤±1%	
Insulation Class/Protection Grade	H Class/IP22	
Telephone Influence Index	TIF < 50	
Telephone Harmonic Index	THF < 2	
Dimension without fuel tank on base mm	2300*790*1500	
Weight without fuel tank on base kg	1500	

KH-DW220

KHCK Generating Set Model	KH-DW220	
	Prime	Standby
Gen-Set Power KW	160	176
Gen-Set Power KVA	200	220
Engine Power (no fan) KW	177	199
Engine Model	P086	
Engine Manufacturer	Korea DAEWOO	
Engine Configuration	6-cylinder in line- 4-stroke- Exhaust gas turbocharged, Air-to- Air cooled	
Speed Control System	Electron speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Zexel direct spray "P" model pump	
100% Load Fuel Consumption L/h	41.8	45.9
Total Engine Displacement L	8.071	
Exhaust Air Flow m ³ /min	450	
Air consumption m ³ /min	13.9	
Exhaust gas Flow m ³ /min	≤38.8	
Exhaust gas Temperature °C	≤530	
Oil Capacity L	15.5	
Coolant Capacity L	49	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	UCI274H	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤ 5%	
Free load voltage Regulator Range	≥95%~105%	
Stable Voltage Regulator	≤±1%	
Insulation Class/Protection Grade	H Class/IP22	
Telephone Influence Index	TIF < 50	
Telephone Harmonic Index	THF < 2%	
Dimension without fuel tank on base mm	2650*950*1400	
Weight without fuel tank on base kg	1805	



KH-DW312

KHCK Generating Set Model	KH-DW312	
	Prime	Standby
Gen-Set Power KW	220	250
Gen-Set Power KVA	275	312
Engine Power (no fan) KW	241	272
Engine Model	P126T1	
Engine Manufacturer	Korea DEAWOO	
Engine Configuration	6-cylinder in line- 4-stroke- Exhaust gas turbocharged, Air-to- Air cooled	
Speed Control System	Electron speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Zexel direct spray "P" model pump	
100% Load Fuel Consumption L/h	57.3	65.7
Total Engine Displacement L	11.051	
Exhaust Air Flow m ³ /min	607	
Air consumption m ³ /min	16.4	
Exhaust gas Flow m ³ /min	≤42.9	
Exhaust gas Temperature °C	≤510	
Oil Capacity L	23	
Coolant Capacity L	60	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	HCI444D	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤5%	
Free load voltage Regulator Range	≥95%- 105%	
Stable Voltage Regulator	≤±1%	
Insulation Class/Protection Grade	H Class/IP22	
Telephone Influence Index	TIF < 50	
Telephone Harmonic Index	THF < 2%	
Dimension without fuel tank on base mm	2960*1030*1500	
Weight without fuel tank on base kg	2315	



KH-DW412

KHCK Generating Set Model	KH-DW412	
	Prime	Standby
Gen-Set Power KW	300	330
Gen-Set Power KVA	375	412
Engine Power (no fan) KW	327	362
Engine Model	P158LE-1	
Engine Manufacturer	Korea DEAWOO	
Engine Configuration	8-cylinder in V type- 4-stroke- Exhaust gas turbocharged, Air-to- Air cooled	
Speed Control System	Electron speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Bosch direct spray "P" model pump	
100% Load Fuel Consumption L/h	79.1	88.0
Total Engine Displacement L	14.618	
Exhaust Air Flow m ³ /min	854	
Air consumption m ³ /min	25.3	
Exhaust gas Flow m ³ /min	≤78.3	
Exhaust gas Temperature °C	≤606	
Oil Capacity L	28	
Coolant Capacity L	89	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	HCI444FS	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤5%	
Free load voltage Regulator Range	≥95%~105%	
Stable Voltage Regulator	±1%	
Insulation Class/Protection Grade	H Class/IP22	
Telephone Influence Index	TIF< 50	
Telephone Harmonic Index	THF<2%	
Dimension without fuel tank on base mm	3120*1390*1690	
Weight without fuel tank on base kg	2715	



KH-DW450

KHCK Generating Set Model	KH-DW450	
	Prime	Standby
Gen-Set Power KW	328	360
Gen-Set Power KVA	410	450
Engine Power (no fan) KW	363	414
Engine Model	P158LE	
Engine Manufacturer	Korea DEAWOO	
Engine Configuration	8-cylinder in V type- 4-stroke- Exhaust gas turbocharged, Air-to- Air cooled	
Speed Control System	Electron speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Bosch direct spray "P" model pump	
100% Load Fuel Consumption L/h	89.3	102.9
Total Engine Displacement L	14.618	
Exhaust Air Flow m ³ /min	854	
Air consumption m ³ /min	25.3	
Exhaust gas Flow m ³ /min	≤78.3	
Exhaust gas Temperature °C	≤606	
Oil Capacity L	28	
Coolant Capacity L	88.5	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd (STAMFORD brand)	
Generator model	HCI544C1	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤5%	
Free load voltage Regulator Range	≥95%~105%	
Stable Voltage Regulator	±1%	
Insulation Class/Protection Grade	H Class/IP23	
Telephone Influence Index	TIF<50	
Telephone Harmonic Index	THF<2%	
Dimension without fuel tank on base mm	3120*1390*1690	
Weight without fuel tank on base kg	2885	



KH-DW550

KHCK Generating Set Model	KH-DW550	
	Prime	Standby
Gen-Set Power KW	400	440
Gen-Set Power KVA	500	550
Engine Power (no fan) KW	443	496
Engine Model	P180LE	
Engine Manufacturer	Korea DAEWOO	
Engine Configuration	10-cylinder in V type- 4-stroke- Exhaust gas turbocharged, Air-to- Air cooled	
Speed Control System	Electron speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Bosch direct spray "P" model pump	
100% Load Fuel Consumption L/h	106.8	121.0
Total Engine Displacement L	18.273	
Exhaust Air Flow m ³ /min	1065	
Air consumption m ³ /min	31.6	
Exhaust gas Flow m ³ /min	≤97.9	
Exhaust gas Temperature °C	≤606	
Oil Capacity L	35	
Coolant Capacity L	94	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	HCI544D	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤5%	
Free load voltage Regulator Range	≥95%- 105%	
Stable Voltage Regulator	≤±1%	
Insulation Class/Protection Grade	H Class/IP22	
Telephone Influence Index	TIF<50	
Telephone Harmonic Index	THF<2%	
Dimension without fuel tank on base mm	3300*1390*1780	
Weight without fuel tank on base kg	3285	

KH-DW680

KHCK Generating Set Model	KH-DW680	
	Prime	Standby
Gen-Set Power KW	500	544
Gen-Set Power KVA	625	680
Engine Power (no fan) KW	532	574
Engine Model	P222LE	
Engine Manufacturer	Korea DAEWOO	
Engine Configuration	12-cylinder in V type- 4-stroke- Exhaust gas turbocharged, Air-to- Air cooled	
Speed Control System	Electron speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Bosch direct spray "P" model pump	
100% Load Fuel Consumption L/h	132.9	154.3
Total Engine Displacement L	21.927	
Exhaust Air Flow m ³ /min	1286	
Air consumption m ³ /min	38.0	
Exhaust gas Flow m ³ /min	≤117.5	
Exhaust gas Temperature °C	≤606	
Oil Capacity L	45	
Coolant Capacity L	113	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	HCI544FS	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤5%	
Free load voltage Regulator Range	≥95%~105%	
Stable Voltage Regulator	≤±1%	
Insulation Class/Protection Grade	H Class /IP22	
Telephone Influence Index	TIF<50	
Telephone Harmonic Index	THF<2%	
Dimension without fuel tank on base mm	3450*1390*1820	
Weight without fuel tank on base kg	4155	

KH-DW712

KHCK Generating Set Model	KH-DW712	
	Prime	Standby
Gen-Set Power KW	520	570
Gen-Set Power KVA	650	712
Engine Power (no fan) KW	552	603
Engine Model	P222LE-S	
Engine Manufacturer	Korea DAEWOO	
Engine Configuration	12-cylinder in V type- 4-stroke- Exhaust gas turbocharged, Air-to- Air cooled	
Speed Control System	High precision electric speed controller	
Start Mode	24V Direct Current Start, Including alternator & battery	
Fuel System	Bosch direct spray "P" model pump	
100% Load Fuel Consumption L/h	129.1	141.7
Total Engine Displacement L	21.927	
Exhaust Air Flow m ³ /min	1286	
Air consumption m ³ /min	31.8	
Exhaust gas Flow m ³ /min	≤93.9	
Exhaust gas Temperature °C	≤598	
Oil Capacity L	45	
Coolant Capacity L	113	
Generator Manufacturer	Wuxi Newage Alternator Co.,Ltd.(affiliate company of British Newage international cooperation) STAMFORD brand.	
Generator model	HCI544F	
Rated Voltage/Frequency	400V/230V, 50Hz	
Power Factor/Connective Wire Type	0.8 lag- 3-phase,4-line Y type circling to connect	
Stable Frequency Change Rate	≤5%	
Free load voltage Regulator Range	≥95%- 105%	
Stable Voltage Regulator	≤±1%	
Insulation Class/Protection Grade	H class/IP22	
Telephone Influence Index	TIF < 50	
Telephone Harmonic Index	THF < 2%	
Dimension without fuel tank on base mm	3450*1390*1820	
Weight without fuel tank on base kg	4200	