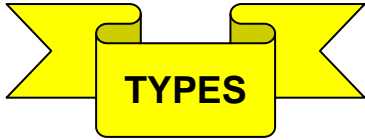


**KEE HING CHEUNG KEE CO., LTD.**  
**DLFTZ CHANG HING KEE**  
**INT'L INDUSTRY & TRADE CO., LTD.**



**DIESEL GENERATOR SET OF DEUTZ**



**TYPES**



**OPEN TYPE**



**SOUNDPROOF TYPE**



**CONTAINER TYPE**

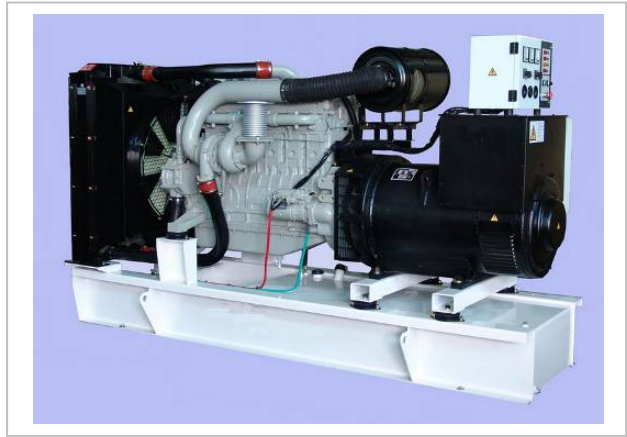


**TRAILER TYPE**

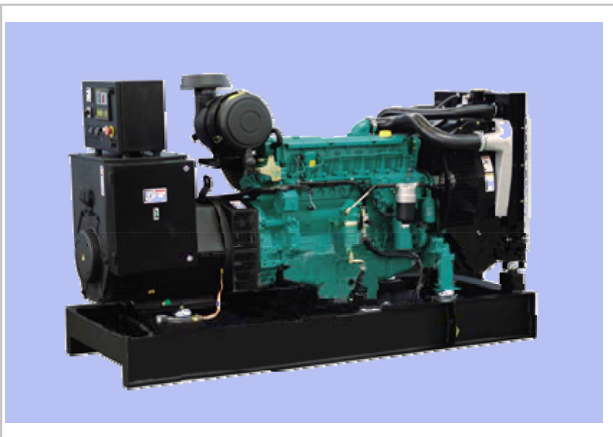
**SERIES**



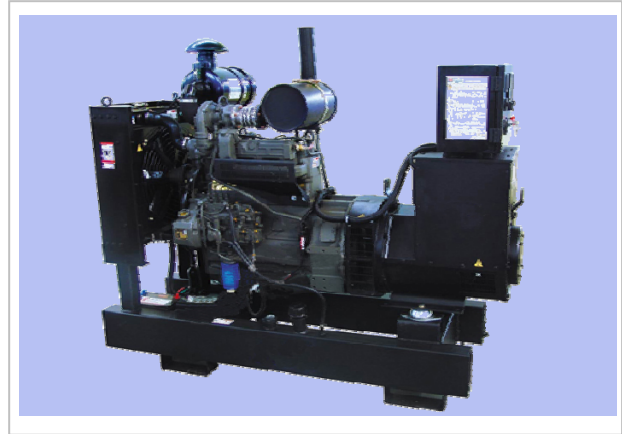
**CUMMINS SERIES**



**DAEWOO SERIES**



**VOLVO SERIES**



**DEUTZ SERIES**



**MTU SERIES**



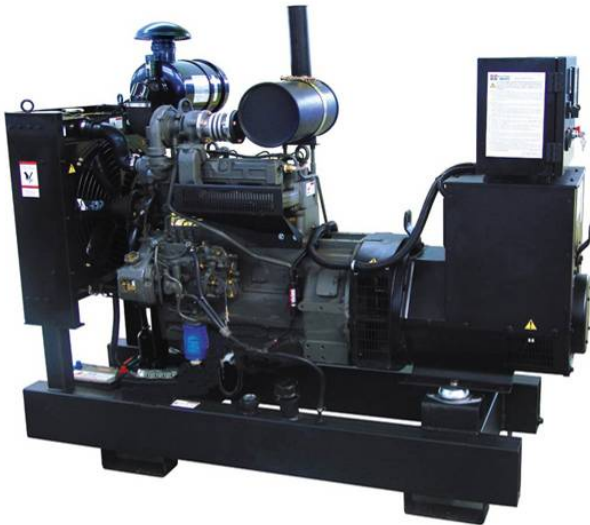
**CONTROL SYSTEM**

## KHCK D series KH-D30---KH-D165 (28kVA-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**

Model	KH-D30		KH-D34		KH-D48		
	prime	standby	prime	standby	prime	standby	
Genset Power(KW)	22	24	25	27	34	38	
Genset Power(KVA)	27	30	30	34	43	48	
Engine Power(KW)	31		31		46		
Engine Model	D226B-3D		D226B-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 fuel system				3 cylinder in line,4 stroke 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 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		
Compression Ratio	16.5:1		16.5:1		16.0:1		
Bore×Stroke (mm)	105*120		105*120		105*120		
100% Load Fuel Consumption(L/h)	6.5	7.1	7.4	8.0	9.6	10.6	
Exhaust Air Flow	34		34		60		
Air consumption	2.2		2.2		2.8		
Exhaust Gas Flow(L/s)	4.78		4.78		6.3		
Exhaust Temperature(°C)	435		435		455		
Oil Capacity (L)	7.25		7.25		7.25		
Coolant Capacity (L)	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%						
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		1800
		Wide	750		750		750
		height	1350		1350		1460
	Weight (Kg)	615		620		730	
	Fuel capacity(L)			102			
Soundproof Canopy Model	235JY-3						



**KH-D70---KH-D165**

Model	KH-D70		KH-D106		KH-D142		KH-D165		
	prime	standby	prime	standby	prime	standby	prime	standby	
Genset Power(KW)	50	55	78	85	104	114	120	132	
Genset Power(KVA)	63	70	98	106	130	142	150	165	
Engine Power(KW)	60		90		120		132		
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, 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 for option)				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	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%								
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	1750		1900		1700		1800
	Weight (Kg)	825		1150		1200		1500	
	Fuel capacity(L)	130		250					
Soundproof Canopy Model	270JY-3		270JY-3						