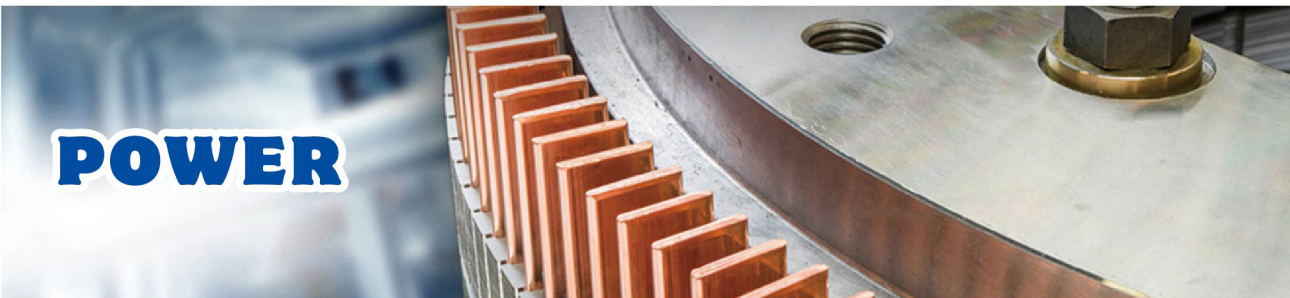


Yunnei series diesel generator set



SIX REASONS FOR CHOOSING CLOUD POWER:

- 1. National enterprise technology center;
- 2. National gas engine technology research and development center;
- 3. The first place in sales volume of four cylinder engine in China;
- 4. The first self-developed passenger car diesel engine was sold in developed countries (SAIC MG was exported to Britain with Yunnei D19);
- 5. Light truck power ranked first in the number of national six announcements;
- 6. The sales volume of multi cylinder engine in China's diesel engine industry ranked third.



TECHNICAL PARAMETER

Genset Model	Unit parameters (400V3 phase 4 line 50Hz COS 0.8)				Engine parameters (brand: Yunnei)			Generator (brand:EvoTec)		Audio box parameters	
	Genset output (kW)	output capacity (KVA)	weight (Kg)	L*W*H (mm)	Model	Prime Power /StandbyPower (kw)	Cylinder quantity Bore*Stroke (mm)	Model	Prime Power (kW)	weight (kg)	L*W*H (mm)
DPYN-40	40	50	1200	1600*600*800	YN38GBZ	48/52.8	4-102*115	TCU188H	40	420	2200*950*1450
DPYN-50	50	62.5	1200	1600*600*800	YN38GBZ	60/66	4-102*115	TCU228C	50	750	2400*1100*1600
DPYN-64	64	80	1200	1700*600*800	YN48GBZ	77/84.7	4-108*132	TCU228F	64	750	2400*1100*1600
DPYN-80	80	100	1200	1700*600*800	YN48GBZ	90/100	4-108*132	TCU228H	80	750	3000*1180*1750
DPYN-100	100	125	1200	1700*600*800	YN48GBZL	120/130	4-108*132	TCU228K	100	1100	3200*1250*1850



YUCHAI POWER

Professional manufacturer of generator set



Add: company opposite julius berger yard beside Danco filling station along lagos ibadan expressway

YUCHAI series diesel generator set



Yuchai 12VC diesel generator set



Yuchai silent box generator set

PRODUCT INTRODUCTION

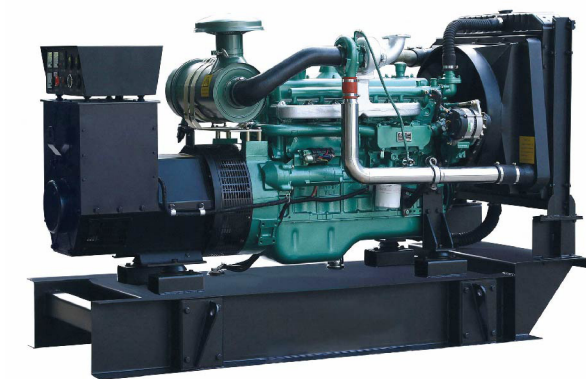
YUCHAI POWER . NIG LIMITED Company adopts the diesel engine for power generation produced by Guangxi Yuchai Shipbuilding Electric Power Co., Ltd. to match with the well-known brand generator, which has the advantages of compact structure, small volume, large power reserve, stable operation, good speed regulation performance and high reliability. It is applicable to industrial and mining enterprises, data centers, troops, government institutions, schools, high-rise buildings and other places as a conventional power supply or standby emergency power supply. There is a service network every 40 kilometers in China and more than 30 service networks in the world, which fills the gap that domestic famous brand machines (large, medium and small power) are exported to foreign countries and have a good service system, and fills the domestic gap of national three (T3) high-power series units.

TECHNICAL PARAMETER

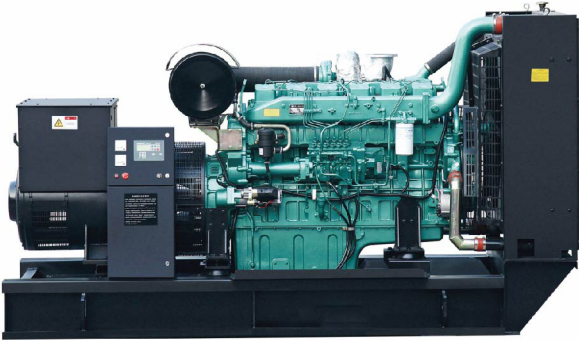
Genset Model	Unit parameters (400V 3 phase 4 line 50Hz COS 0.8)					Engine parameters (brand:YUCHAI)										Generator (brand:EvoTec)		Control system	radiator	Audio box parameters	
	Genset output (KW)	output capacity (KVA)	rated current (A)	weight (Kg)	L*W*H (mm)	Model	Prime Power /StandbyPower (kw)	Cylinder quantity		Bore*Stroke (mm)	Min.fuel consumption rate (g/kw.h)	Displacement (L)	Oil capacity (L)	Model	Prime Power (KW)	weight (kg)	L*W*H (mm)				
DPY-150	150	187.5	270	1500	2500*900*1400	YC6A245L-D21	165/181	6缸		108*132	≤200	7.25	21	TCU288C	150	SmartGen /Fortrust	DATONG/ manufactor Standard configuration 50℃ water tank	1100	3200*1250*1850		
DPY-200	200	250	360	2000	3000*900*1800	YC6MK350L-D20	235/259	6缸		123*145	≤195	10.34	28	TCU288F	200			1100	3400*1250*1950		
DPY-250	250	312.5	450	2200	3000*900*1800	YC6MK420L-D20	281/309	6缸		123*145	≤195	10.34	28	TCU288J	252			1100	3800*1400*2100		
DPY-320	320	400	576	2400	3000*900*1800	YC6K520-D30	356/382	6缸		129*155	≤192	12.16	32	TCU318C	322			1300	4000*1500*2200		
DPY-400	400	500	720	3800	3000*1100*2000	YC6K660-D30	441/485	6缸		129*165	≤192	12.94	36	TCU368A	400			1400	4200*1600*2250		
DPY-500	500	625	900	5500	3200*1200*2100	YC6TD840-D31	560/616	6缸		152*180	≤195	19.6	52	TCU368D	500			1600	4500*1800*2400		
DPY-600	600	750	1080	6000	3600*1460*1900	YC6TD1000-D30	668/735	6缸		152*180	≤195	19.6	52	TCU368G	600			/	/		
DPY-720	720	900	1296	8500	4500*1400*2600	YC6TH1220-D31	815/897	6缸		175*195	≤202	28.14	95	TCU428B	730			/	/		
DPY-800	800	1000	1440	9000	4500*1400*2600	YC6TH1320-D31	880/968	6缸		175*195	≤202	28.14	95	TCU428C	800			/	/		
DPY-1000	1000	1250	1800	9500	4500*1400*2600	YC6C1660-D31	1110/1221	6缸		200*210	≤195	39.58	180	TCU428E	1000			/	/		
DPY-1200	1200	1500	2160	9900	3700*1700*2200	YC12VTD2000-D30	1345/1480	12缸		152*180	≤205	39.2	210	TCU468B	1320			/	/		
DPY-1250	1250	1562.5	2250	14500	4900*1700*2600	YC12VC2070-D31	1380/1520	12缸		200*210	≤196	79.17	340	TCU468B	1320			/	/		
DPY-1400	1400	1750	2520	15000	4900*1700*2600	YC12VC2270-D31	1520/1670	12缸		200*210	≤196	79.17	340	TCU468C	1520			/	/		
DPY-1500	1500	1875	2700	16000	5000*1750*2650	YC12VC2510-D31	1680/1850	12缸		200*210	≤196	79.17	340	TCU468C	1520			/	/		
DPY-1600	1600	2000	2880	16500	5000*1800*2650	YC12VC2700-D31	1805/1985	12缸		200*210	≤196	79.17	370	TCU468D	1600			/	/		
DPY-1800	1800	2250	3240	18000	5000*1800*2650	YC16VC3000-D31	2005/2206	16缸		200*210	≤195	105.56	430	TCU528A	2000			/	/		
DPY-2000	2000	2500	3600	18000	5000*1800*2650	YC16VC3300-D31	2200/2420	16缸		200*210	≤195	105.56	430	TCU528A	2000			/	/		
DPY-2200	2200	2750	3960	19000	5300*1800*2700	YC16VC3600-D31	2405/2646	16缸		200*210	≤195	105.56	430	TCU528B	2000			/	/		

① The technical parameter of diesel generator set above is suitable for 50HZ, 1500RPM, 400/230V,Power factor=0.8(lag), 3 phase 4 wires type generator set. If you need the technical parameter of 60HZ or other special required generator set, we will provide additionally.

② The product information above can not take as the delivery information.Because the technology progresses unceasingly, our company reserves the finally modification right and please forgive us not to inform additionally.If you have any questions, please contact our company at any time.



300KW-640KW Yuchai high-pressure diesel generator set



720KW-1500KW Yuchai high-pressure diesel generator set

ADVANTAGES OF YUCHAI

Yuchai has established a marketing management system that integrates pro uct sales, application development,after-sales service,and spare parts sales In addition, Yuchai has possessed the largest service network, the biggest number of service outlets, the smallest service radius, the longest mileage under warranty services of repair, replacement and refund, and the shortest response time in the industry to provide customers around the world with conve nient and fast high-quality services

In China,there are 4 power system departments for commercial vehicle.23 sales areas for commercial vehicle engine, 15 sales areas for Off-road machin ery engine, and 13 marketing centers for Marine&G-drive.

Overseas, it has 15 offices (including 3 for marine&G-drive engines). 6 station- ary points, and 258 service agents.

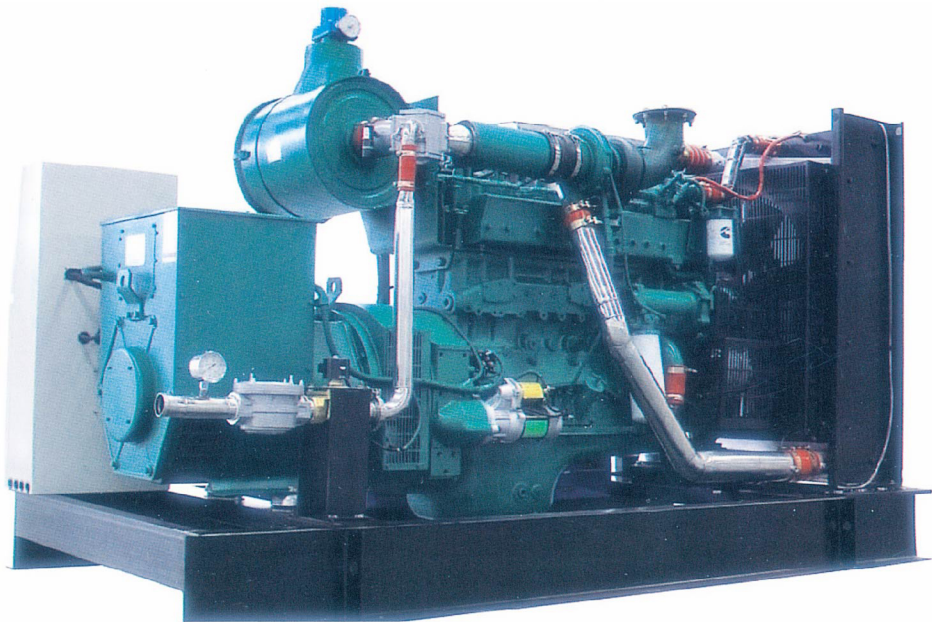
Globally, Yuchai has more than 5,000 professional service outlets and more than 6000 spare parts centers.

Natural gas set series



PRODUCT INTRODUCTION

The new generation gas generator set of YUCHAI POWER NIG LIMITED adopts international famous power and supporting famous brand generators such as Cat, MWM, JENBACHER, Yuchai, Cummins, etc. Aiming at the combustion characteristics and control characteristics of natural gas and biogas in the cylinder, the diesel oil engine is redesigned and produced with the gas engine design concept. The special design and processing technology ensure that the engine has good stability and durability, and the power range is 30–1000KW. The unit adopts the electronic ignition system jointly developed by Green Ring Power and domestic professional manufacturers, including sensors specially designed for the characteristics of this type of gas engine, special ignition modules, ignition coils, high-voltage wires, and features accurate ignition timing and high ignition energy. The service life of the spark plug is extended, the starting performance of the unit is optimal, the knock probability is greatly reduced, and the stability of the engine operation is improved. The special gas governor for high-precision gas engine is adopted, which has the advantages of high speed regulation progress, strong anti sudden load capacity, fast recovery time, etc., and is better adapted to different types of loads of users. Each cylinder adopts a special valve design method, which improves the area of the intake and exhaust valves. The intake and exhaust are sufficient, the intake volume is increased, the torque and power of the engine are greatly improved, and the sudden load capacity of the unit is improved. The crankshaft is integrally forged from high-strength alloy cast iron, which improves the overall strength and stiffness and has a long service life. The internationally advanced electronic mixer is adopted, which can adapt to various gases with methane concentration ranging from 30% to 100%. After the mixing of air and gas, the best air/fuel ratio is automatically adjusted electronically. In combination with the uniquely designed combustion chamber, the gas can be fully burned, reducing fuel consumption, improving the thermal efficiency of the engine, effectively reducing nox and other harmful gases in the exhaust gas, and reaching the world's advanced emission standards.



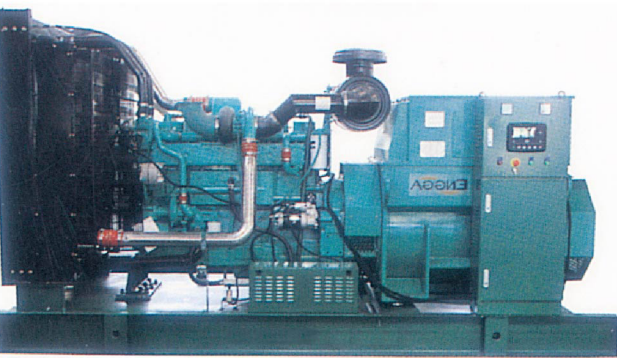
TECHNICAL PARAMETER

Genset Model	Unit parameters (400V 3 phase 4 line 50Hz COS 0.8)															Engine parameter										
	Output power		Current	Net Weight (kg)	Overall Dimensions L x W x H (m)	Brand	Engine Type	Primary Power (KW)	standby Power (KW)	no of cylinders	Rated speed				Fire gas category	Methane quantrty (M2)	Consumption of mobile oil	Bore /Stroke (mm)	Exhaust Capacity (L)	Compression Ratio	Oil capacity (L)	Coolant capacity (L)	Fuel gas mixing temperature	Gas consumption (m3/kw.h)	Type Of Governor	
	Primary kW	standby kVA																								
30GF-A	30	37.5	54	800	1.8*0.9*1.4	CUMMINS	4B-G	33	36	4	1500			natural gas,LNG,CNG	≥ 70	≤ 0.5	102X120	3.9	10.5:1	10.9	17.2	≤ 50° C	0.3	Gas electronic speed regulation		
50GF-A	50	62.5	90	950	1.8*0.9*1.5		6B-G	55	61	6				natural gas,LNG,CNG	≥ 70	≤ 0.5	102X120	5.9	10.5:1	16.4	21.9	≤ 50° C	0.3			
80GF-A	80	100	144	1250	2.45*0.9*1.5		6BT-G	88	96	6				natural gas,LNG,CNG	≥ 70	≤ 0.5	102X120	5.9	10.5:1	16.4	21.9	≤ 50° C	0.3			
100GF-A	100	125	180	1500	2.45*1.1*1.65		6CT-G	110	125	6				natural gas,LNG,CNG	≥ 70	≤ 0.5	114X135	8.3	10.5:1	23.8	24.3	≤ 50° C	0.3			
120GF-A	120	150	216	1700	3.3*1.0*1.93		NT855-GA	140	160	6				natural gas,LNG,CNG	≥ 70	≤ 0.5	140X152	14	10.5:1	36.7	63.9	≤ 50° C	0.3			
150GF-A	150	187.5	270	2100	3.3*1.0*1.93		NTA855-G7	163	180	6				natural gas,LNG,CNG	≥ 70	≤ 0.5	140X152	14	10.5:1	36.7	63.9	≤ 50° C	0.3			
200GF-A	200	250	360	2500	3.55*1.15*2.15		NTAA855-G7	220	245	6				natural gas,LNG,CNG	≥ 70	≤ 0.5	140X152	14	10.5:1	36.7	63.9	≤ 50° C	0.3			
300GF-A	300	375	540	3000	3.85*1.53*2.27		KTAA19-G6	330	365	6				natural gas,LNG,CNG	≥ 70	≤ 0.6	159X159	18.9	10.5:1	50	132	≤ 50° C	0.3			
400GF-A	400	500	720	3700	4.3*1.62*2.37		KT38-G2	440	480	12				natural gas,LNG,CNG	≥ 70	≤ 0.6	159X159	37.8	9.5:1	135	290	≤ 50° C	0.3			
500GF-A	500	625	900	4200	4.3*1.62*2.37		KT38-G2A	550	600	12				natural gas,LNG,CNG	≥ 70	≤ 0.6	159X159	37.8	9.5:1	135	290	≤ 50° C	0.3			
600GF-A	600	750	1080	5200	4.55*1.85*2.45		KT38-G5	660	720	12				natural gas,LNG,CNG	≥ 70	≤ 0.6	159X159	37.8	9.5:1	135	290	≤ 50° C	0.3			
800GF-A	800	1000	1440	8200	5.12*2.04*2.64		KTA50-G3	880	980	16				natural gas,LNG,CNG	≥ 70	≤ 0.6	159X159	50.3	9.5:1	177	351	≤ 50° C	0.3			
1000GF-A	1000	1250	1800	9200	5.12*2.04*2.7		KTA50-G8	1100	1230	16				natural gas,LNG,CNG	≥ 70	≤ 0.6	159X159	50.3	9.5:1	177	351	≤ 50° C	0.3			
50GF-A	50	62.5	90	872	1.9*0.77*1.2	YUCHAI	YC4D90N-D30	60	66	4				natural gas,LNG,CNG	≥ 70	≤ 0.3	108X115	4.214	17.5:1	13	24	≤ 50° C	0.3			
64GF-A	64	80	115.2	1200	2.2*0.8*1.2		YC4G115N-D30	75	83	4				natural gas,LNG,CNG	≥ 70	≤ 0.3	108X115	4.214	17.5:1	13	24	≤ 50° C	0.3			
70GF-A	70	87.5	126	1210	2.2*0.8*1.2		YC4G115N-D30	75	83	4				natural gas,LNG,CNG	≥ 70	≤ 0.3	108X115	4.214	17.5:1	13	30	≤ 50° C	0.3			
80GF-A	80	100	144	1328	2.3*0.8*1.3		YC4G135N-D30	90	99	4				natural gas,LNG,CNG	≥ 70	≤ 0.3	108X115	6.871	17.5:1	17	31	≤ 50° C	0.3			
90GF-A	90	112.5	162	1378	2.4*0.8*1.33		YC6J155N-D30	103	113	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	108X115	6.871	17.5:1	17	31	≤ 50° C	0.3			
100GF-A	100	125	180	1378	2.5*0.8*1.4		YC6G180N-D30	120	132	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	108X115	10.34	17.5:1	17	31	≤ 50° C	0.3			
120GF-A	120	150	216	1520	2.5*0.9*1.4		YC6G205N-D30	138	152	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	108X125	10.34	17.5:1	17	45	≤ 50° C	0.3			
160GF-A	160	200	288	1600	2.5*0.96*1.52		YC6MK270N-D30	180	198	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	123X145	16.35	16.8:1	46.7	65	≤ 50° C	0.3			
180GF-A	180	225	324	1800	2.8*1.1*1.6		YC6MK315N-D31	210	231	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	123X145	19.598	16.8:1	46.7	65	≤ 50° C	0.3			
250GF-A	250	312.5	450	3400	3.4*1.2*1.6		YC6T450N-D30	300	330	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	145X165	39.584	15:01	56	89.6	≤ 50° C	0.3			
350GF-A	350	437.5	630	3735	3.5*1.2*1.8		YC6TD600N-D30	400	440	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	152X180	19.598	14:01	55	130.5	≤ 50° C	0.3			
400GF-A	400	500	720	6700	4.5*1.4*2.1		YC6C660N-D30	441	485	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	200X210	39.584	14.5:1	160	191.7	≤ 50° C	0.3			
450GF-A	450	562.5	810	6800	4.6*1.4*2.2		YC6C750N-D30	500	550	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	200X210	39.584	14.5:1	160	191.7	≤ 50° C	0.3			
500GF-A	500	625	900	6900	4.7*1.5*2.3		YC6C840N-D30	561	617	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	200X210	39.584	14.5:1	160	191.7	≤ 50° C	0.3			
560GF-A	560	700	1008	7000	4.8*1.6*2.3		YC6C935N-D30	625	687.5	6				natural gas,LNG,CNG	≥ 70	≤ 0.3	200X210	39.584	14.5:1	160	191.7	≤ 50° C	0.3			
900GF-A	900	1125	1620	9000	5.2*1.8*2.2		YC12VC1520N-D30	1016	1117.7	12				natural gas,LNG,CNG	≥ 70	≤ 0.3	200X210	105.558	13.5:1	493	600	≤ 50° C	0.3			
1000GF-A	1000	1250	1800	12000	6.5*1.8*2.3		YC12VC1680N-D30	1120	1232	12				natural gas,LNG,CNG	≥ 70	≤ 0.3	200X210	105.558	13.5:1	493	600	≤ 50° C	0.3			
1200GF-A	1200	1500	2160	13000	6.6*1.8*2.3		YC12VC2070N-D30	1380	1518	12				natural gas,LNG,CNG	≥ 70	≤ 0.3	200X210	105.558	13.5:1	493	600	≤ 50° C	0.3			

1 The technical parameter of diesel generator set above is suitable for 50HZ, 1500RPM, 400/230V,Power factor=0.8(lag), 3 phase 4 wires type generator set. If you need the technical parameter of 60HZ or other special required generator set, we will provide additionally.

2 The product information above can not take as the delivery information.Because the technology progresses unceasingly, our company reserves the finally modification right and please forgive us not to inform additionally.If you have any questions, please contact our company at any time.

Cummins series diesel generator set



KTA19 Series



Cummins silent box generator set

PRODUCT INTRODUCTION

Chongqing Cummins engine is used to match the famous brand generator. The generator set has the characteristics of strong power, stable operation, low noise, low emission (T2 / T3), rich configuration and high degree of automation. The engine is equipped with PT fuel injection system and EFC electronic governor. Some engines have electronic injection system. The steady-state speed regulation rate of diesel engine can be set between 0 (constant speed) and 5%, which can realize remote operation control and automatic control easily. The torque synchronous excitation system can make the speed drop of engine recover quickly when it is under sudden load. Engine overhaul time is long. Global joint guarantee has created a world-class brand.

TECHNICAL PARAMETER

Genset Model	Unit parameters (400V3 phase 4 line 50Hz COS 0.8)			Engine parameters (brand:Cummins)			Generator (brand:EvoTec)		Audio box parameters	
	Genset output (kW)	weight (Kg)	L*W*H (mm)	Model	Prime Power/ StandbyPower (kw)	Cylinder quantity Bore*Stroke (mm)	Model	Prime Power (kW)	weight (kg)	L*W*H (mm)
DPK-150	150	1350	2500*850*1600	6CTA8.3-G2	168/185	6缸-107*124	TCU288C	150	1100	3200*1250*1850
DPK-200	200	2300	2850*1050*1800	NT855-GA	231/254	6缸-107*124	TCU288F	200	1100	3400*1250*1950
DPK-250	250	2650	3100*1100*1800	MTAA11-G3	282/310	6缸-125*147	TCU288J	252	1100	3400*1250*1950
DPK-320	320	2800	3200*1150*1850	NTAA855-G7	343/377	6缸-140*152	TCU318C	322	1300	4000*1500*2200
DPK-400	400	3400	3500*1350*1900	KTA19-G3A	448/504	6缸-159*159	TCU368A	400	1400	4200*1600*2250
DPK-500	500	3500	3500*1550*2350	KTAA19-G6A	610	6缸-159*159	TCU368D	500	1600	4500*1800*2400
DPK-600	600	7000	4500*1850*2550	KTA38-G2	664/731	12缸-159*159	TCU368G	600	/	/
DPK-720	720	8500	4500*1850*2600	KTA38-G2A	813/895	12缸-159*159	TCU428B	730	/	/
DPK-800	720	7600	4500*1850*2600	KTA38-G5	880/970	12缸-159*159	TCU428C	800	/	/
DPK-1000	1000	9500	5000*2130*2650	KTA50-G3	1116/1227	16缸-159*159	TCU428E	1000	/	/
DPK-1200	1200	10500	5100*2200*2650	KTA50-GS8	1287/1429	16缸-159*159	TCU428G	1200	/	/
DPK-1400	1400	12000	5500*2300*2650	KTA50-G15X	1491/1656	16缸-159*159	TCU468B	1320	/	/

1 Control system: SmartGen Fortrust 2 Radiator: Datong/manufacturer standard 50 °C water tank

Gasoline engine series generator set



10KW gasoline generator set (double cylinder air cooling)

- V-type double cylinder engine, forced air cooling, low emission, stable performance
- All copper motor is equipped with AVR automatic voltage regulation, with strong power, reliable excitation and convenient maintenance
- The thickened frame design is firm and durable, with standard castors for more convenient movement



20KW gasoline generator set (double cylinder air cooling)

- V-type double cylinder engine, forced air cooling, low emission, stable performance
- All copper motor is equipped with AVR automatic voltage regulation, with strong power, reliable excitation and convenient maintenance
- The thickened frame design is firm and durable, with standard castors for more convenient movement



30KW gasoline generator set (four cylinder low noise)

- In line, four cylinder, electronic injection, water-cooled engine, intelligent controller; More stable unit operation
- Rare earth permanent magnet brushless motor, with stronger carrying capacity and convenient maintenance
- The thickened frame design is firm and durable, with standard castors for more convenient movement

TECHNICAL PARAMETER

Genset Model	Unit parameters (400V3 phase 4 line 50Hz COS 0.8)				Engine parameters (brand: YC.POWER)					Generator
	Genset output (kW)	Maximum output power (kW)	rated current (A)	L*W*H (mm)	Model	Cylinder quantity Bore*Stroke(mm)	Min.fuel consumption rate (g/kw.h)	Displacement (CC)	Oil sump capacity (L)	
YD12500E	10	11	14.5	960*620*650	R740	双缸-82*70	≤374	739	1.5	10
YD25000W	18	20	26	1160*725*850	465F1	四缸-65*78	≤374	1050	3	20
YD36000W	28	30	40.5	1300*820*850	LF479Q2	四缸-70*79	≤374	1216	3	30