

OWELL INDUSTRIES

DIESEL GENERATOR SET SOLUTIONS



MADE IN CHINA, POWER THE WORLD

COMPANY PROFILE



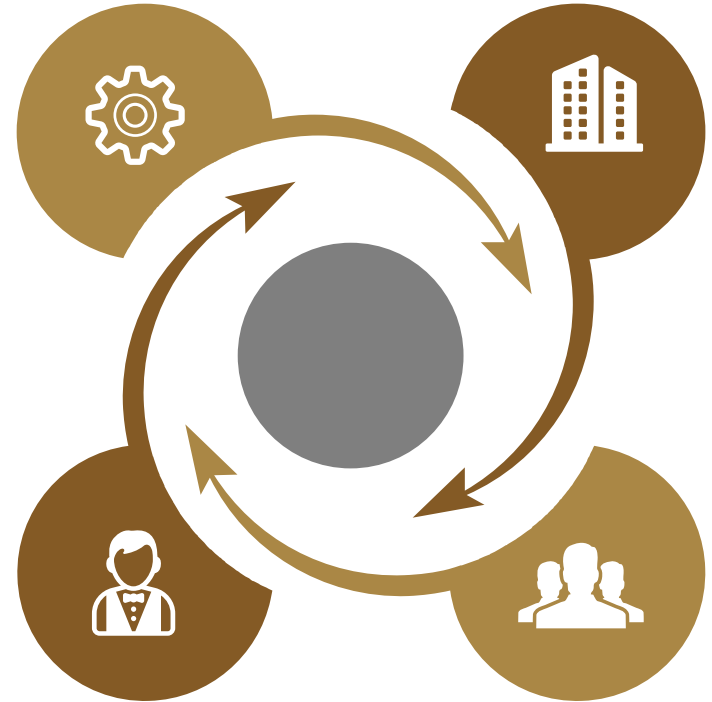
OWELL INDUSTRIES is contributing ourselves to power supply solutions, manufacture and export a wide range of diesel/gas generator set, wind generator all over the world.



Factory occupies 40,000 m², including 20,000 m² plants. More than 200 production equipment. Annual production capacity achieved 16,000 sets 4-cylinder diesel engines, 12,000 sets 6-cylinder diesel engine, and 15,000 gensets.



The company has formulated the strategic goal of "Integrating Global Advanced Technology, Building The Top-Notch Power , and Serving Users All Over The World". Adhere to the business philosophy of "Solidarity, Struggle, Truthfulness, and Innovation", adhere to the business purpose of "Making the products conscientiously, Stabilizing the market in good faith". We always put the product quality and customer benefits in the first place, and provide customers with first-class products and service, to achieve mutual benefit and win-win result!



DIESEL GENERATOR SET



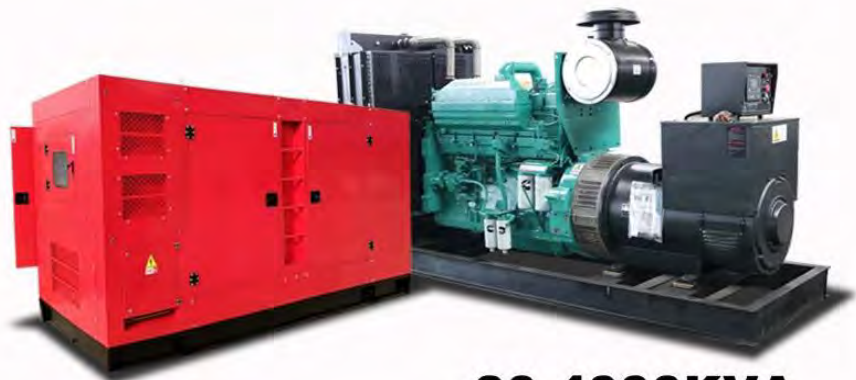
Product Features

1. The operation of diesel generator set is simple. easy to master. fewer operators required. and easy maintenance
2. Fast start. in case of emergency reach full load within 1 minute, can start and stop frequently.
3. The diesel engine is the thermal engine with the highest thermat efficiency and low luel consumption at present
4. The total cost of Installation and power generation is the lowest.
5. The diesel generator set has high power supply reliability and automatic function. It has complete functions, such as automatic start. automatic loading, automatic alarm and automatic protection, the generator set can run automatically wilhout operator and unattended.
6. The diesel genelor set is simple, less auxiliary equipment, small volume, light weight, small floor area, fast Installation, and low Investment cost.

Product Advantages

1. Good fuel economy performance. high thermal efficiency. When the working condition changes, the Variation curve of fuel consumption rate is relatively flat, so it's economical in case of low load.
2. Reliability and durability. low failure rate because of no ignition system
3. Wide range of use.
4. Low emission of harmful substances.
5. Good fire safety. The automatic voltage regulation of the generator set is silicon controlled. compound excitation, TD1 type carbon resistance AVA, high power pipes are used in Individual cases.

COOPERATION PARTNERS



30-4000KVA
POWER SOLUTION

DIESEL ENGINE

- PERKINS
- CUMMINS
- VOLVO
- BAUDOUIN
- WEICHAI
- YUCHAI
- SHANGCHAI
- GOOGOL

ALTERNATOR

- STAMFORD
- MARATHON
- TESLA
- NAOLI
- HONGKONG CUMMINS

CONTROL MODULE

- DEAPSEA
- SMARTGEN



WEICHAI SERIES

Weichai series diesel generator sets are equipped with water-cooling four-stroke industrial diesel engines produced by Weichai Power Company Limited. The gensets use modular design, compact structure. the voltage of control system is 24VDC. and equipped with diesel and oil spin-on filter and dry filter. They have good power, economy, reliability, the parts are versatile, easy to replace and easy maintenance.



Rated Power (KW/KVA)	Standby Power(KW/KVA)	Engine Model	Cylinder	Bore*Trip(mm)	Fuel Consumption(g/kw.h)	Open type measurements (L×W×H)
23/29	25/31	WP2.3D25E200	4	89/92	≤220	1700x800x1230
30/38	33/41	WP2.3D33E200	4	89/92	≤212	1660x600x1130
36/45	40/50	WP2.3D40E200	4	89/92	≤216	1800x790x1210
44/55	48/60	WP2.3D48E200	4	89/92	≤216	1800x700x1130
60/75	66/83	WP4.1D66E200	4	105/118	≤235	1850x790x1200
60/75	66/83	WP4D66E200	4	105/130	≤208	1950x750x1650
72/90	80/100	WP4.1D80E200	4	105/118	≤235	2150x850x1320
90/113	100/125	WP4D100E200	4	105/130	≤203	2100x770x1320
97/121	108/135	WP4D108E200	4	105/130	≤205	2100x800x1320
120/150	132/165	WP6D132E200E	6	105/130	≤205	2100x700x1320
138/173	152/190	WP6D152E200	6	105/130	≤205	2300x800x1360
152/190	167/209	WP6D167E200	6	105/130	≤201	2400x890x1380
182/228	200/250	WP10D200E200	6	126/130	≤215	2530x990x1400
216/270	238/298	WP10D238E200	6	126/130	≤215	2900x890x1510
240/300	264/330	WP10D264E200	6	126/130	≤215	2900x890x1510
288/360	317/396	WP12D317E200	6	126/155	≤210	3000x950x1550
290/363	320/400	WP10D320E200	6	126//130	≤210	3050x950x1520
350/438	385/481	WP13D385E200	6	127/165	≤210	3135x1100x1620
400/500	405/506	WP13D405E200	6	127/165	≤200	3320X1196X1657
406/508	447/559	6M26D447E200	6	150/150	≤197	3320X1196X1657
440/550	484/605	6M26D484E200	6	150/150	≤210	3480X1300X1823
520/650	572/715	6M33D572E200	6	150/185	≤210	3600X1500X1910
550/688	605/756	6M33D605E200	6	150/185	≤210	3780x1600x2100
720/900	792/990	12M26D792E200	12	150/150	≤210	4400X1680X2350
820/1025	902/1128	12M26D902E200	12	150/150	≤210	4550X1700X2540
880/1100	968/1210	12M26D968E200	12	150/150	≤210	4550X1770X2600
1007/1259	1108/1385	12M33D1108E200	12	150/185	≤210	4550X1800X2512
1100/1375	1210/1513	12M33D1210E200	12	150/185	≤210	5170X2100X2672

CUMMINS SERIES



Cummins diesel generator sets use the Dongfeng or Chongqing Cummins engines, high reliability, easy maintenance. long continuous running time, and long working time, they have won the love of users ,in port. railway, mining and other industries. As one of the largest foreign investors in China engine industry, Cummins owns Dongfeng Cummins Engines Co., Ltd(produce series B, C and L) and Chongqing Cummins Engines Co., Ltd (produce series M, N and K) and other manufacturing enterprises. They are produced as Cummins global unified quality standards. Cummins global service network provides customers with reliable after-sales service.

CHARACTERISTICS

1. Most equipped the PT fuel system (except series B and C) owned by Cummins
2. Omega combustion chambers are used.
3. The cam followers are all roller type.
4. The majority of fuel and oil channels drilled inside of the cylinder block and cylinder head.
5. Wet cylinder sleeve with phosphate treatment
6. The crankshaft is forged with alloy steel, and the shaft neck is induction hardening

CUMMINS SERIES

Rated Power (KW/KVA)	Standby Power(KW/KVA)	Engine Model	Cylinder	Bore*Trip (mm)	Fuel Consumption(g/kw.h)	Open type measurements (L*W*H)
东风康明斯系列DCEC CUMMINS SERIES						
24/30	30/37.5	4B3.9-G2	4	102/120	≤209	1650x720x1200
36/45	40/50	4BT3.9-G2	4	102/120	≤209	1700x720x1200
50/62.5	60/75	4BTA3.9-G2	4	102/120	≤209	1850x740x1250
70/87.5	80/100	4BTA3.9-G1.1	4	102/120	≤209	1800x740x1350
86/107.5	100/125	6BT5.9-G2	6	102/120	≤206	1950x780x1460
86/107.5	100/125	6BT5.9-G2	6	102/120	≤206	2100x740x1400
106/132.5	120/150	6BTA5.9-G2	6	102/120	≤206	2210x900x1400
120/150	132/165	6BTA5.9-G2	6	102/120	≤206	2250x890x1300
163/203.8	-	6CTA8.3-G2	6	114/135	≤209	2320x860x1380
183/229	190/238	6CTAA8.3-G2	6	114/135	≤209	2400x970x1500
220/275	235/294	6LTA8.9-G2	6	114/145	≤197	2500x1000x1570
290/362.5	280/400	6LTA8.9-G1	6	116.5/148	≤199	2600x975x1570
340/425	380/475	6ZTAA13-G3	6	130/163	≤189	3030x1040x1610
400/500	440/550	QSZ13-G2电控	6	130/163	≤191	3230x1370x1959
450/563	470/588	QSZ13-G3电控	6	130/163	≤193	3400x1450x1680
东风康明斯系列（欧Ⅲ非放）DCEC CUMMINS SERIES						
79/99	-	QSB3.9-G3	4	102/120	≤214	1950x780x1460
120/150	-	QSB5.9-G3	6	102/120	≤215	2250x890x1300
168/210	-	QSB6.7-G4	6	107/124	≤213	2320x860x1380
235/294	360/450	QSL8.9-G4	6	114/144.5	≤210	2500x1000x1570
328/410	-	QSZ13-G6	6	130/163	≤200	3030x1040x1610
367/459	409/511	QSZ13-G7	6	130/163	≤192	3230x1370x1959
重庆康明斯系列CCEC CUMMINS SERIES						
231/289	254/318	NTA855-GA	6	140/152	≤206	3000x1050x1750
284/355	321/401	NTA855-G1B	6	140/152	≤206	3100x1050x1750
312/390	343/429	NTA855-G2A	6	140/152	≤205	3150x1100x1800
407/509	-	NTAA855-G7A	6	140/152	≤205	3300x1250x1850
448/560	504/630	KTA19-G3A	6	159x159	≤205	3300x1400x1970
610/762	-	KTAA19-G6A	6	159x159	≤206	3500x1500x2000
664/830	731/913	KTA38-G2	12	159x159	≤206	4300x1700x2350
711/889	789/986	KTA38-G2B	12	159x159	≤206	4400x1750x2350
813/1017	895/1119	KTA38-G2A	12	159x159	≤206	4500x1750x2350
880/1100	970/1213	KTA38-G5	12	159x159	≤208	4500x1800x2350
1089/1361	-	KTA38-G9	12	159x159	≤208	4500x1800x2350
1200/1500	1429/1786	KTA50-G8	16	159x159	≤205	5700x2280x2500
1287/1609	1429/1786	KTA50-GS8	16	159x159	≤204	5600x2140x2630
进口康明斯系列IMPORTED CUMMINS SERIES						
250/312.5	250/275	QSL9-G5	6	114/135	≤199	3150x1100x1920
380/475	380/418	QSX15-G6	6	137/169	≤197	3430x1200x2065
400/500	400/440	QSX15-G8	6	137/169	≤198	3430x1200x2065
500/625	500/550	VTA28-G5	12	140/152	≤211	4067x1880x2286
600/750	600/660	VTA28-G6	12	140/152	≤213	4047x1880x2286
640/800	640/704	QSK23-G3	6	170/170	≤195	4593x1562x2086
720/900	720/792	QST30-G3	12	140/165	≤201	4757x1702x2332
800/1000	800/880	QST30-G4	12	140/165	≤202	4757x1800x2332
1500/1875	1500/1650	QSK60-G3	16	159/190	≤187	6175x2600x2840
1600/2000	1600/1760	QSK60-G4	16	159/190	≤194	6175x2600x2840
1800/2250	1800/1980	QSK60-G13	16	159/190	≤199	6175x2600x2840
2000/2500	2000/2200	QSK78-G9	16	170/190	≤201	7158x2800x2900
2400/3000	2400/2640	QSK78-G6	16	170/190	≤203	7158x2800x2900

VOLVO SERIES



Volvo is the largest industrial enterprise in Sweden with a history of more than 120 years. Volvo is one of the oldest engine manufacturers in the world, and is the absolutely ideal power for the generator set. Volvo diesel generator sets have the characteristics of low fuel consumption, low emissions, low noise and compact structure;

Volvo diesel generator sets are highly favored by customers all over the world because of their reliable performance, strong horsepower, green environmental protection, and humanized safety design.

CHARACTERISTICS

1. Volvo diesel generator sets have high load-bearing capacity , fast and reliable cold start performance;
2. stable operation, low exhaust , low operating costs, and compact appearance;
3. Volvo engines can reach the promise of 30,000 hours trouble-free running.
4. Small volume;
5. Good performance in high altitude areas

VOLVO SERIES

Rated Power(KW/KVA)	Standby Power(KW/KVA)	Engine Model	Cylinder	Bore*Trip(mm)	Fuel Consumption(g/kw.h)
74/93	83/104	TAD530GE	4	108/130	≤213
88/110	98/123	TAD531GE	4	108/130	≤218
112/140	115/144	TAD532GE	4	108/130	≤214
133/166	148/185	TAD731GE	6	108/130	≤215
160/200	179/224	TAD732GE	6	108/130	≤213
175/219	195/244	TAD733GE	6	108/130	≤216
213/266	238/298	TAD734GE	6	108/130	≤204
271/339	298/373	TAD1341GE	6	131/158	≤191
303/379	333/416	TAD1342GE	6	131/158	≤191
325/406	356/445	TAD1343GE	6	131/158	≤192
354/443	389/486	TAD1344GE	6	131/158	≤194
388/485	431/539	TAD1345GE	6	131/158	≤196
430/538	473/591	TAD1641GE	6	144/165	≤199
503/629	554/692	TAD1642GE	6	144/165	≤198
536/670	596/745	TWD1643GE	6	144/165	≤199

YUCHAI SERIES



Yuchai diesel generator set- Yuchai predecessor "Yulin Quantang Industrial Company" was established in 1951. In 1992, the company completed the shareholding reform and established Guangxi Yuchai Machinery Corporation Limited. In 1993, the shareholding reform of sino-foreign joint venture was completed, it became the first Sino-Foreign Joint Stock Co., Ud. In 1994, China Yuchai international stocks were listed on the main board New York (Stock Code NYSE: CYO), is the first overseas listed company in the domestic industry. .

CHARACTERISTICS

1. With more than 40 years' history, the products of Yuchai are widely used in military, civil, marine, etc.
2. According to the different requirements, there are products with different functions, such as remote compute control, parallel operation, fail safe
3. 14 months or 1500 hours warranty

YUCHAI SERIES

Rated Power (KW/KVA)	Standby Power(KW/KVA)	Engine Model	Cylinder	Bore*Trip(mm)	Fuel Consumption(g/kw.h)	Open type measurements (L×W×H)
18.5/23	20.4/26	4D24G6	4	87/103	≤200	1300x700x1200
23/29	25/32	4D24G7	4	87/103	≤200	1600x700x1200
28/35	31/39	4D24TG2	4	87/103	≤200	1600x540x1002
36/45	40/50	4D24TG0	4	87/103	≤200	1800x700x1130
50/62.5	55/69	YC4FA75-D34	4	96/103	≤205	1800x700x1130
60/75	66/83	YC4D90-D34	4	108/115	≤205	1900x700x1130
80/100	88/110	YC4D120-D30	4	108/115	≤205	2150x850x1320
103/129	113/141	YC4D155-D30	4	108/115	≤205	2200x890x1380
110/138	121/151	YC4A165-D30	4	108/132	≤210	2140x880x1370
125/157	138/173	YC4A190-D30	4	108/132	≤210	2400x790x1380
125/156	138/173	YC6A190-D30	6	108/132	≤200	2300x970x1380
155/194	171/214	YC6A230-D30	6	108/132	≤200	2400x890x1380
165/206	181/226	YC6A245-D30	6	108/132	≤200	2530x990x1400
235/294	259/324	YC6MK350-D30	6	123/145	≤195	2850x1050x1610
281/351	309/386	YC6MK420-D30	6	123/145	≤195	3000x1200x1680
335/419	370/463	YC6K500-D30	6	129/155	≤192	3000x1200x1580
389/486	420/525	YC6K570-D30	6	129/165	≤192	3320x1196x1657
441/551	485/606	YC6T660-D31	6	145/165	≤195	3480x1300x1823
520/650	572/715	YC6TD780-D31	6	152/180	≤195	3600x1500x1910
561/701	616/770	YC6TD840-D31	6	152/180	≤195	3600x1500x1910
605/756	665/831	YC6TD900-D31	6	152/180	≤195	3900x1500x1910
668/835	735/919	YC6TD1000-D30	6	152/180	≤195	3900x1500x1995
680/850	748/935	YC6C1020-D31	6	200/210	≤195	4400x1680x2350
715/894	787/984	YC6C1070-D31	6	200/210	≤195	4450x1600x2330
815/1019	897/1121	YC6C1220-D31	6	200/210	≤195	4550x1700x2540
880/1100	968/1210	YC6C1320-D31	6	200/210	≤195	4550x1770x2600
1016/1270	1118/1398	YC6C1520-D31	6	200/210	≤195	4550x1800x2512
1120/1400	1230/1538	YC12VC1680-D31	12	200/210	≤196	5170x2100x2672

SMALL DIESEL/GASOLINE SERIES



80-90DB



60-70DB

Standby Power

3.5KW, 5.5KW, 7KW, 8KW, 10KW



Single Phase 220V



Three Phase 380V

➤ OPTIONAL



Double Voltage Switching

➤ OPTIONAL



ATS

SMALL DIESEL/GASOLINE SERIES



Rated Power : 3KW, 5KW, 6.5KW, 7.5KW, 9KW

Rated Power : 3.5KW, 5.5KW, 7KW, 8KW, 10KW

Exciting Mode: Brush

Engine Type: 4 stroke, single cylinder, air cooling, DI

Fuel Tank: 12.5L (3KW), 14.5L (Others)

Fuel Consumption: 0.5L/H, 0.8L/H, 1.0L/H, 1.2L/H, 1.5L/H

Size: Open Type - 650*480*550mm(3KW) 720*510*635mm(Others) ; Silent Type -930*520*670mm

Weight: Open -90KG(3KW),105KG(5-6KW), 122KG(8-10KW); Silent -113KG(3KW),155KG(5-6KW), 165KG(8-10KW)

OPTIONS



SILENT TYPE

The silent type diesel generator sets are elaborately designed by introducing the advanced technology of low noise generator and low noise engine, with advanced design idea and style variety complete. The box is all detachable and made of steel plate splice. The surface is coated with the high performance antirust paint, it has the function of noise reduction and rainproof. The box adopts multilayer sound-muffling structure and built-in large impedance compound silencer. Moreover, there is an observation window and an emergency stop button on the box. In order to observe the operation process and shut down at the top speed in case of emergency, for protecting the unit.



MOBILE TYPE

1. Convenient traction with flexible traction rod.
2. Safe and stable traction with choice of manual or pneumatic brake.
3. Protection from severe environment with steel shell.
4. Optional installation of cable and cable reel, the long distance transmission.

OPTIONS



ATS DUAL POWER SWITCHING SYSTEM

The ATS structure is designed with advanced control system which is using professional program controller. The unit will start automatically, when losing electric supply, lack of phase or under voltage. When a fault occurs, the sound and light alarm will send automatically by the sending-to-alarming device, and the point of failure will be recorded, meanwhile it can automatically make the machine power off, to ensure the safety of unit. The control panel uses VFD and touch switch, with good and clear display, reliable action features. The control panel can be also designed for more than two units' automatically interconnection under the customer's requirement. Using PLC as the main control unit, by the control software to vary the pulse width and pulse interval, the adjustment process is rapid, accurate and steady, the performance is stable and reliable.



Automatic Controller

The controller uses a large LCD display, with Chinese, English, Spanish and Russian operation interface, the operation is simple and reliable. The automatic controller uses the microprocessor technology to realize the precision measurement of various parameters, the fixed set-point control, the adjustment and detection through the programming interface. It has compact structure, simple wiring and high reliability, and can be widely used in various types of genset automatic systems.



2020

THANK YOU FOR WATCHING

LET'S POWER THE WORLD TOGETHER