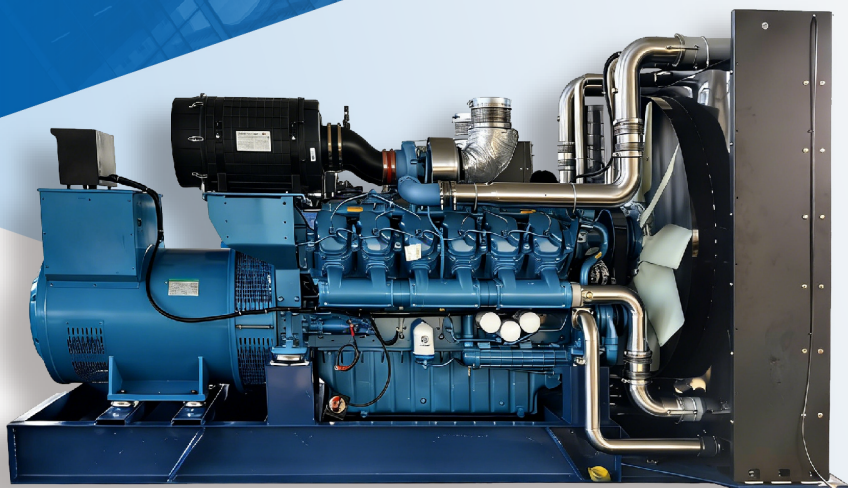




Generator set and water pump

CORPORATE PRODUCT MANUAL



WEIFANG HUAMIN POWER CO., LTD



Chinese Website



International Website



Made-in-China.com



No.16 Anyang Road, Anqiu City,
Weifang City, Shandong Province, China



Overseas market: +86-15689191157
Domestic market: 13791632337



E-mail: export@huahepwr.com



Official Website: www.wfhuaminpower.com

About Huamin

Weifang Huamin Power Co., Ltd. is a professional power equipment manufacturer integrating R&D, manufacturing, sales, and service. With 15 years of experience in diesel generator sets, gas generator sets, emergency power vehicles, and water pump units, Our generator sets range from 8KW to 3000KW. It is coupled with world-famous brand engine such as Cummins, Perkins with world-famous brand alternator such as Stamford, Marathon and Leroy Summer. We can also supply most of the generator sets coupled by China brand engine and alternator. The company continuously enhance product performance and service quality. Today, it has evolved into an industry leader with a complete industrial chain.

The company occupies an area of over 38,000 square meters, annual production capacity exceeds 35,000 units. The products are widely used across various sectors including enterprises, schools, shopping malls, banks, telecommunications, firefighting, ships, mines, bridges, highways, high-rise buildings, hotels, hospitals, oil fields, aquaculture, and flood control and drought relief.

Our product range includes

- Diesel Generator Sets: 10KW-3000KW
- Gas Generator Sets: 8KW-1500KW
- Diesel Water Pump Units: 10-800m³/h

20 years
of Industry
Experience

38000 m²
Factory
Land Area

10 sets
Technical
Equipment

35000 units
Annual
Output

500 Types
Product
Categories

8 Million RMB
Annual Sales
Volume

We are certified with ISO 9001, ISO 14001, ISO 45001, as well as CE certification. Every unit undergoes strict performance testing to ensure stable and reliable delivery.

The company has been awarded a number of honors, including Quality Service Integrity Unit, quality Credit Abiding Enterprise etc. Meanwhile, Huamin Power actively fulfills its social responsibilities, cares for disabled and

out-of-school children, conveys warmth and responsibility through concrete actions, and has received many commendations from society.

In the future, Huamin Power will continue to be driven by technology and guided by our customers. As we deepen our roots in the power equipment field, we look forward to working with global partners to provide the world with power solutions that are more efficient and reliable.



company products

The product system includes multi-cylinder diesel engines (over 100 models such as fixed power type, power generation type, engineering machinery type, and agricultural supporting type) and various generator sets and water pump units (over 500 models including fixed type, open-frame type, mobile trailer type, and containerized type). Additionally, the company possesses comprehensive

capabilities to produce low-noise and automated units compatible with mainstream brands such as Weichai, Yuchai, Cummins, and SDEC.

● Supporting production capacity

Cooperative brands: Cummins, Weichai, Yuchai, SDEC, Shanghai, Weifang etc.

◆ Huamin Product System > > >

Smart + energy saving is our constant adherence



Open Frame



Trailer Type



Silent Type



Container Type



Self priming pump unit



Mixed Flow Pump

Weichai series

【20-2000kw】

WEICHAI
潍柴

Product Features

- China's top 1 power brand, designed for harsh working conditions. It boasts outstanding heavy-load and sudden-load capacity as well as superior continuous durability, making it ideal for long-term prime power supply with lower procurement and maintenance costs and global warranty service.
- High-pressure common rail system: Equipped with a high-pressure common rail fuel system featuring injection pressure ranging from 1,600 to 2,200 bar, which improves fuel efficiency and emission compliance.
- Environment adaptive performance: Intelligent algorithms optimize engine performance under complex conditions such as high altitudes to minimize power loss.
- Supports ATS automatic transfer, multi-unit parallel operation and remote IoT monitoring, enabling unattended fully automatic power station scheduling.



50kW Weichai Diesel Generator Set



Weichai Diesel Generator Set+Trailer Type

Application field

Widely used in communication base stations, data centers, hospitals, petrochemicals, mines, railways, national defense, field rescue, ships, etc., as a primary, backup, or emergency power source.

Common parameters of Weichai diesel generator set:

UNIT POWER (KW)	RATED CURRENT (A)	ENGINE MODEL	DIESEL ENGINE POWER (KW)	FUEL CONSUMPTION RATE ≤L/h	DIMENSIONS L*W*H mm	WEIGHT KG
20	36	WP2.3D25E200	25	4.2	1500*780*1160	467
50	90	WP4.1D66E200	66	14.7	1930*945*1218	940
75	135	WP4.1D80E200	80	18.4	1985*945*1218	1195
100	180	WP4.1D113E200	113	21.8	1985*945*1218	1230
200	360	WP10D238E200	238	52.9	2999*1170*1780	2260
250	450	WP10D320E200	320	52.9	2999*1170*1780	2280
300	540	WP12D353E200	353	67.1	2980*1196*1689	2680
350	630	WP13D385E200	385	79.5	3170*1200*1689	2850
800	1440	8M33D975E310	975	188.5	3800*1800*2100	6800
900	1620	12M33D1108E200	1108	206.5	4400*1995*2200	7600
1000	1800	12M33D1210E200	1210	255.2	4800*2200*2450	8400
1200	2160	12M33D1320E200	1320	303.1	4800*2200*2450	8500
1500	2700	16M33D1680E310	1680	364.7	5800*2300*2900	12400

Cummins series

【10-1500kw】



Product Features

- Ultra-low dynamic voltage and frequency fluctuation, compliant with top-tier G4 power supply standard, delivering exceptional compatibility with sensitive loads including servers, precision medical equipment and semiconductor factories.
- Modular individual cylinder head design with highly integrated and fewer components reduces risks of oil and water leakage and extends service intervals.
- Worldwide Warranty
- Supports ATS automatic transfer, multi-unit parallel operation and remote IoT monitoring, enabling unattended fully automatic power station scheduling.



200kw Cummins Diesel Generator Set

Application field

Widely used in hospitals, data centers, communication base stations, petrochemicals, mines, real estate, municipal engineering, ships, field operations, emergency rescue, etc., it can be used as a primary, backup, and emergency power source.



Cummins Diesel Generator Set+Trailer Type

Common Parameters for Cummins Diesel Generator Set:

UNIT POWER (KW)	RATED CURRENT (A)	ENGINE MODEL	DIESEL ENGINE POWER (KW)	FUEL CONSUMPTION RATE ≤L/h	DIMENSIONS L*W*H mm	WEIGHT KG
20	36	4B3.9-G2	24	196	1650*700*1000	710
50	90	4BTA3.9-G2	58	190	1850*760*1150	840
90	162	6BT5.9-G2	96	190	2200*800*1250	1100
100	180	6BTA5.9-G2	106	190	2200*800*1300	1100
120	216	6BTA5.9-G2	120	190	2400*820*1350	1140
150	270	6CTA8.3-G2	163	190	2450*820*1350	1480
300	540	NTA855-G2A	312	200	3360*1200*1970	3000
350	630	6ZTAA13-G2	390	196	3060*1220*1560	2560
500	900	QSZ13-G11	512	196	3200*1350*1860	3000
550	990	KTA19-G8A	550	196	3500*1440*2190	4100
700	1260	KTA38-G2B	711	196	4260*1830*2400	6050
800	1440	KTA38-G2A	880	196	4380*1730*2450	6185
1000	1800	KTA50-G3	1116	196	4950*2000*2450	8200

Yuchai series

[20-3000kw]



Product Features

- Original Yuchai engine with 4-valve, turbo intercooler & Bosch HPCR system, strong load capacity, stable transient performance, reliable cold start under -25°C and high altitude;
- High durability: alloy cast iron block, stable 24h continuous operation;
- Ultra-low fuel consumption as low as 195g/kW·h;
- Low emission & low noise, comply with China National IV & EU Stage 3A emission standards, silent enclosure ≤75dB;
- Intelligent control panel with multi-protection, optional ATS auto transfer switch & remote cloud monitoring for unattended operation;
- Modular easy-maintenance design, global spare parts supply network with affordable cost.



1500kw Yuchai Diesel Generator Set



Yuchai Diesel Generator Set+Silent Type

Application field

Widely used in hospitals, data centers, communication base stations, petrochemicals, mines, real estate, municipal engineering, ships, field operations, emergency rescue, etc., it can be used as a primary, backup, and emergency power source.

Common Parameters of Yuchai Diesel Generator Set:

UNIT POWER (KW)	RATED CURRENT (A)	ENGINE MODEL	DIESEL ENGINE POWER (KW)	FUEL CONSUMPTION RATE ≤g/kw.h	DIMENSIONS L*W*H mm	WEIGHT KG
20	36	YC4V35-D20	23	190	1700*700*1000	610
30	54	YC4V55Z-D20	38	190	1850*700*1000	850
40	72	YC4D60-D25	40	200	1850*700*1050	860
100	180	YC4A180L-D20	120	210	2100*800*1100	1200
120	216	YC6B205L-D20	138	200	2400*830*1350	1500
350	630	YC6MJ540-D30	365	203	3200*1200*1700	2900
400	720	YC6K660-D30	441	192	3500*1350*1850	3300
450	810	YC6TD780-D31	520	195	3650*1500*1850	3800
500	900	YC6TD840-D31	561	195	3650*1500*1850	4000
600	1080	YC6TD1000-D30	668	195	3650*1500*1850	4350
1000	1800	YC6C1660-D31	1110	195	5100*1700*2200	7500
1800	3240	YC12VC3000-D30	2005	196	5300*2200*2730	11350
2000	3600	YC16VC3300-D31	2205	196	6600*2500*2800	13350

SDEC series

[20-2000kw]


上柴动力
 SDEC POWER

Product Features

- **Reliable structure:** Longmen type body, integral crankshaft, reinforced connecting rod, low vibration, long service life, suitable for long-term high load operation;
- **Energy saving and affordable:** Optimized combustion chamber+high-pressure common rail/high-pressure oil pump, sufficient atomization, low fuel consumption, and reduced operating costs;
- **Scientific environmental protection:** meets non road National IV/V and Euro IV/V emissions, optional SCR/DPF exhaust treatment;
- **Worry free after-sales service:** electronic speed regulation, automatic pre oil supply, comprehensive monitoring and protection system, nationwide warranty+sufficient supply of accessories.



500kw SDEC Diesel Generator Set



1000kW SDEC Diesel Generator Set with Mobile Power Station

Application field

Backup common power sources for industrial factories, emergency power sources for data centers, hospitals, shopping malls, as well as ships, engineering machinery, remote off grid power stations, etc.

Common parameters of SDEC diesel generator set:

UNIT POWER (KW)	RATED CURRENT (A)	ENGINE MODEL	DIESEL ENGINE POWER (KW)	FUEL CONSUMPTION RATE ≤g/kw.h	DIMENSIONS L*W*H mm	WEIGHT KG
50/58	90.2	SC4H95D2 (4135ACa)	62/68	195	1900×900×1200	800
65/75	118.1	SC4H115D2 (6135Ca)	78/86	195	1950×900×1200	970
75/85	135.2	6135ACa	88/98	196	2050×950×1250	1050
90/100	162.4	SC4H160D2 (6135ZCa)	105/116	195	2000×1000×1200	1250
100/112	180.5	4135ADZ2	118/132	198	2100×1000×1300	1350
120/135	216.6	6135AZCa	140/158	197	2300×1050×1350	1500
130/145	234.6	SC7H230D2 (6135JZD)	154/170	195	2500×950×1400	1650
150/168	270.7	6135AZD-1 (12V135D)	176/196	198	2550×1050×1450	1800
160/175	288.7	SC8D280D2	185/204	200	2600×1000×1500	1900
180/200	324.8	G128ZLD	212/235	197	2650×1100×1550	2100
195/220	351.8	SC9D340D2 (12V135AD)	228/255	198	2700×1000×1550	2250
200/225	361	12V135ZCaF	236/265	201	2800×1150×1600	2400
220/245	397.1	G128ZLD2	258/288	199	2850×1150×1650	2550
450/563	810.2	SC25G690D2	450/563	191.4	3350×1510×2105	4500
500/560	901.9	SC33W900D2 (KT38-GM)	588/655	202.5	4080×1300×2640	6577
550/610	992.1	SC33W990D2	644/712	203.1	4150×1350×2700	6800
600/675	1082.3	SC33W1080D2(KTA38-G2M)	706/794	204.3	4200×1400×2750	7200

Weifang series [30-500kw]

Product Features

- Weifang local supply chain, cost controllable, prices 15% -30% lower than first tier brands, suitable for budget limited projects;
- Steyr mature models have long overhaul cycles and low failure rates, suitable for continuous backup and short-term primary use;
- Silent, rainproof, mobile, automated, parallel and other functions can be selected according to needs, suitable for construction sites, factories, residential areas and other scenarios;
- Weifang and its surrounding areas have fast response times, easy access to accessories, and low maintenance costs.

Application field

- Industry and infrastructure: factory production lines, mines, construction sites, temporary construction, small processing plants.
- Business and real estate: shopping malls, hotels, office buildings, and residential backup (fire/elevator/security).
- Agriculture and aquaculture: farms, irrigation, agricultural product processing.
- Small emergency: township hospitals, schools, small data centers, and backup communication base stations.



100kw Weifang Diesel Generator Set



Weifang Diesel Generator Set+Trailer Type

Common parameters of Weifang diesel generator set:

UNIT POWER (KW)	RATED CURRENT (A)	ENGINE MODEL	DIESEL ENGINE POWER (KW)	FUEL CONSUMPTION RATE ≤g/kw.h	DIMENSIONS L*W*H mm	WEIGHT KG
15	27	1115	16.18	258	1300*550*800	380
20	36	ZH2100D	22	256	1550*600*1050	450
30	54	ZH4100D	33	252	1600*650*1150	500
40	72	ZH4100ZD	41	251.6	1600*650*1200	560
50	90	ZH4105ZD	56	231	1650*650*1250	600
60	108	R4105ZD	63	231	1750*720*1250	650
80	144	R6105AZD	84	231	2300*750*1500	1000
100	180	R6105AZLD	110	224	2300*750*1500	1000
120	216	R6105IZLD	132	224	2300*750*1500	1100
150	270	6R155ZLD	155	224	2300*950*1500	1200
200	360	6126ZLD	228	197	2800*1000*1600	1800
250	450	6126ZLD-1	258	185	3000*1000*1600	2000
300	540	WP10ZLD	338	224	3000*1000*1566	2100
450	810	WP12ZLD-1	465	225	3300*1200*1720	3100
500	900	HM550GF	510	225	3600*1600*2200	3800

Self priming pump unit

Product Introduction

The self-priming pump is an efficient fluid conveying equipment with automatic water absorption and no need for additional priming. It adopts precise matching of high-quality pump body and power system, and relies on the self-priming structure design at the core. After starting, it can quickly form negative pressure and automatically suck in the medium, without manual pre-priming, which greatly simplifies the operation process.



Application field

The equipment has a compact overall structure, small volume, stable operation, low noise, excellent sealing performance, strong corrosion resistance and wear resistance. It can transport various media such as clean water, light sewage and muddy water, adapting to different working conditions. It is easy to operate and maintain, without complex installation and commissioning, and is widely used in industrial, agricultural, municipal, environmental protection and other fields. It is a practical and economical fluid conveying solution.



Common parameters of diesel water pump unit:

PUMP MODEL	FLOW RATE (m ³ /h)	HEAD (m)	POWER (kW)	ROTATION SPEED (r/min)	EFFICIENCY (%)	(NPSH)	SELF SUCTION HEIGHT	SELF SUCTION TIME	WEIGHT (kg)
ZW25-8-15	8	15	2.2	2900	45	2	5.5	3	100
ZW50-15-30	15	30	3	2900	48	2.5	5.5	3	120
ZW50-20-35	20	35	5.5	2900	48	2.5	5.5	3	150
ZW65-40-25	40	25	7.5	1450	50	3	5.5	2	200
ZW65-65-25	65	25	7.5	2900	52	3	5.5	2	240
ZW80-25-40	25	40	7.5	2900	50	3	5.5	2	200
ZW80-65-25	65	25	7.5	2900	52	3	5.5	2	240
ZW80-80-35	80	35	15	2900	45	3	5.5	3	285
ZW80-80-35	80	35	15	1450	50	3	5.5	2	450
ZW80-50-60	50	60	22	2900	55	3	5	3	340
ZW100-100-15	100	15	7.5	1450	50	4	5.5	3	300
ZW100-100-20	100	20	11	2900	53	4	5.5	3	340
ZW100-100-30	100	30	22	2900	53	4	5.5	2	510
ZW150-180-14	180	14	15	1450	60	5	5.5	3.5	500
ZW150-180-20	180	20	22	1450	60	5	5	3	570
ZW150-180-30	180	30	37	1450	65	5	5	3	680
ZW150-180-38	180	38	55	1450	65	5	6	3.5	800
ZW200-280-14	280	14	22	1450	65	5	5	3	700
ZW200-280-28	280	28	55	1450	55	4.8	5.2	3	940
ZW250-420-20	420	20	55	1450	61	6	4.5	2.5	1150
ZW300-800-14	800	14	55	1450	65	6	4.5	2.5	1400

S pump unit

Product Introduction

S pump generally refers to the S-type single-stage double-suction horizontal split-case centrifugal pump. Its core advantages include large flow rate, high efficiency, stable operation, and convenient maintenance. It is widely used in municipal, industrial, agricultural, water conservancy, power station and other applications.



Application field

1. Municipal & Civil Use

Urban water supply and drainage, Building and fire fighting, Air conditioning / HVAC systems;

2. Industrial Sector

Factory circulating water, Mine water supply and drainage Power station supporting systems, Petrochemical industry;

3. Agriculture & Water Conservancy

Farmland irrigation, Flood control and drainage, Water conservancy projects;

4. Emergency & Mobile Applications

Diesel-driven S pump units Ship and port applications.



Common parameters of diesel water pump unit:

PUMP MODEL	FLOW RATE Q(m³/h)	HEAD H(m)	ROTATION SPEED n(r/min)	SHAFT POWER P(kW)	MATCHING MOTOR		WEIGHT (kg)	CALIBER (mm)	
					POWER (kW)	SPECIFICATION		INHALE	SPIT OUT
125-100-315	120	130	2900	72.1	110	Y3155-2	189	125	100
	200	125		90.8					
	240	120		102					
125-100-315A	57	30.5	1450	8.4	15	Y160L-4	187	125	100
	95.5	28.5		10.3					
	110	27.8		11.9					
125-100-315B	108	109.8	2900	55.2	90	Y280M-2	185	125	100
	181.6	103		71.2					
	218	98		78.3					
125-100-400	60	50	2900	16.1	30	Y200L-4	222	125	100
	100	50		21.0					
	120	48.5		23.6					
125-100-400B	52	39.5	2900	10.6	18.5	Y180L-4	218	125	100
	86.5	38		13.9					
	104	37		15.76					
150-125-250	120	22.5	1450	10.7	18.5	Y180L-4	164	150	125
	200	20		13.5					
	240	17.5		14.66					
150-125-250A	112	19.7	1450	8.8	15	Y160L-4	162	150	125
	187	18		11.6					
	224.7	15.3		12.5					
150-125-315	120	34	2900	15.9	30	Y200L-4	184	150	125
	200	32		22.1					
	240	29		223.7					
150-125-315A	112	29.7	1450	13	22	Y180M-4	182	150	125
	187	25		18.2					
	224.8	24.3		19.5					
150-125-400	120	53	1450	27.9	45	Y225M-4	204	150	125
	200	50		36.3					
	240	46		40.6					
150-125-400B	104	40.3	1450	18.5	30	Y200L-4	200	150	125
	173	38		24.19					
	208	35		27.35					

Mixed Flow Pump

Product Introduction

- Balanced large flow & medium head, high overall hydraulic efficiency
- Wide unobstructed flow channel, anti-clogging for water with silt and straws
- Robust cast iron structure, stable long-hour continuous heavy-duty operation
- Multiple installation types: horizontal, vertical, submersible & mobile trailer type
- Low energy consumption and simple maintenance for large-scale pumping stations



Application field

- Flood Control & Drainage
- Farmland & Water Conservancy
- Aquaculture
- Water Conservancy Projects
- Municipal & Factory Use



Common parameters of diesel water pump unit:

PUMP MODEL	FLOW RATE Q(m³/h)	HEAD H(m)	ROTATION SPEED n(r/min)	CAVITATION RESIDUE	EFFICIENCY η(%)	SHAFT POWER P(kW)	MATCHING MOTOR		WEIGHT (kg)	SIZE L×W×H (mm)	CALIBER(mm)	
							POWER (kW)	SPECIFICATION			INHALE	SPIT OUT
D155-30×3	100	97.5	1480	3.2	75	41.2	75	Y280S-4	560	1246×650×630	150	150
	155	90		50.65								
	185	80.5		55.42								
D155-30×4	100	130	1480	3.2	75	55.32	90	Y280M-4	630	1361×650×630	150	150
	155	120		67.54								
	185	110		73.9								
D155-30×5	100	162.5	1480	3.2	75	69.15	110	Y315S-4	700	1476×650×630	150	150
	155	150		84.42								
	185	137.5		92.37								
D155-30×6	100	195	1480	3.2	75	82.98	132	Y315M ₁ -4	770	1591×670×630	150	150
	155	180		101.3								
	185	165		110.8								
D155-30×7	100	227.5	1480	3.2	75	96.81	160	Y315M ₂ -4	840	1706×670×630	150	150
	155	210		118.2								
	185	192.5		129.2								
D155-67×3	95	228	2950	2.6	63	93.6	132	Y315M ₁ -2	952	1407×680×620	150	150
	155	201		4.5	74	114.7						
	185	177		5.7	73	122.1						
D155-67×4	95	304	2950	2.6	63	124.8	185	Y315S-2	1024	1495×680×620	150	150
	155	268		4.5	74	152.6						
	185	236		5.7	73	162.8						
D155-67×5	95	380	2950	2.6	63	156	220	Y315M ₁ -2	1145	1583×680×620	150	150
	155	335		4.5	74	191						
	185	295		5.7	73	203.6						
D155-67×6	95	456	2950	2.6	63	187.2	280	Y355M-2	1435	1671×680×620	150	150
	155	402		4.5	74	229.3						
	185	354		5.7	73	244.3						
D155-67×7	95	532	2950	2.6	63	218.4	315	Y355M-2	1558	1759×680×620	150	150
	155	469		4.5	74	267.6						
	185	413		5.7	73	284.9						
D155-67×8	95	608	2950	2.6	63	249.6	355	Y355M-2	1700	1847×680×620	150	150
	155	536		4.5	74	305.9						
	185	472		5.7	73	325.7						
D155-67×9	951	684	2950	2.6	63	280.8	440	Y134-2/6K	1860	1935×680×620	150	150
	55	603		4.5	74	344						
	185	531		5.7	73	366.4						
D280-43×5	185	235	1480	3.0	73	162.19	250	Y355S ₁ -2	1130	3126×920×1250	200	200
	280	215		4.7	80	204.93						
	335	190		6.0	78	222.23						
D280-43×6	185	282	1480	3.0	73	194.6	315	Y355L ₁ -4	1260	3386×920×1250	200	200
	280	258		4.7	80	245.9						
	335	228		6.0	78	266.7						

P_MVF pump

Product Introduction

synchronous motor, energy saving by 30%~60%; Variable frequency constant pressure control, stable water pressure all day; Soft start & soft stop, eliminate water hammer to protect pipelines; Low noise and vibration, suitable for residential and commercial buildings; Full intelligent protection: dry-run, overload, overpressure & overheat protection; Integrated all-in-one structure, small footprint, easy installation; Wide adjustable flow and head, unattended automatic operation, Low wear and long service life with low maintenance cost

Application field

Secondary Building Water Supply, Industrial Circulation; Agriculture, Forestry & Landscaping irrigation
 HVAC Systems Circulating water, Small Municipal water supply.



Common parameters of diesel water pump unit:



8寸



8寸



8寸



10寸



12寸

Data	11KW	15KW	22KW	27KW	30KW	37KW	45KW	55KW
Model	6SZQ 250-8-11	8SZQ 470-7-15	8SZQ 600-8-22	8SZQ 500-12-27	10SZQ 800-8-30	12SZQ 1000-8-37	12SZQ 1000-10-45	12SZQ 800-15-55
Outlet dia. (inch)	6	8	8	8	10	12	12	12
Rated flow (T/h)	250	470	600	500	800	1000	1000	800-1000
Rated head (M)	8	7	8	12	8	8	10	15
Max. Head (M)	15	15	15	15	12	12	15	16
Motor power (KW)	11	15	22	27	30	37	45	55
N.W. (Kg)	21	26/38	29	60	38/47	70	71	75
20m power cable (Kg)	6/12.5	6/12.5	10/18.0	10/18.0	16/25	16/25	25/33	25/33
Outline size (cm)	25x28x57	25x28x57	23x28x60	25x28x57	28x28x68	38x38x82	38x38x82	38x38x82
Package size (cm)	42x45x65	42x45x65	42x65x65	42x45x65	42x45x75	48x48x100	48x48x100	48x48x100

Crawler pump truck

Product Introduction

A tracked all terrain mobile pump truck equipped with a tracked chassis and good off-road capability; Wireless remote control operation can be achieved, equipped with a dedicated base welded from heavy-duty steel structure, and the motor unit, water pump, and control cabinet produced by the diesel engine are integrated together.

Application field

Emergency flood rescue, municipal foundation dewatering, river regulation, mine water drainage, agricultural drought and waterlogging treatment



Common parameters of diesel water pump unit:

PUMP MODEL	FLOW RATE Q		HEAD H m	ROTATION SPEED n r/min	POWER N(kw)		EFFICIENCY η (%)	(NPSH)	IMPELLER DIAMETER (mm)	PUMP WEIGHT (kg)
	m ³ /h	L/s			SHAFT POWER Ns	MOTOR POWER Nm				
24SA-10	2750	764	80	960	689	900	87	8.7	765	4300
20Sh-9	3420	950	71		727		91			
600S75	3930	1092	60		730		88			
24Sh-13 600S47	2502	695	56	970	460	550	83	7.5	830	3200
	3168	880	47.4		465		88			
	3499	972	38		426		80			
24Sh-15	2500	694	33.5	740	316.7	420	70	5	674	3120
	3600	1000	30		345.9		85	5.5		
	4000	1111	28.5		365		83	5.8		
24Sh-18 24Sh-13A 600S47A	2700	750	48.5	970	434	450	83	7.5	615	4000
	3150	875	44		438		88			
	3600	1000	32		392		80			
24Sh-19 600S32	2480	700	37	970	295	380	86	7.5	540	2550
	3170	880	32		310		87			
	3960	1100	22		279		85			
24Sh-20A 600S21A	2500	697.7	22	740	218.3	280	70	5	584	3030
	3600	1000	17.2		215		80			
	3800	1055	16		216.3		78			
24Sh-28A 600S22A	2430	650	17.5	970	145	185	77	7.5	450	2500
	2880	800	15.5		148		82			
	3420	950	13		154		78.5			
28SA-10 28Sh-10 700S90	3715	1032	99.5	980	1157	1250	87	9.5	415	5800
	4700	1306	90		1252		92			
	4896	1360	87		1018		89.5			
32Sh-9 800S76	4400	1222	82	740	1128	1500	87	8	780	8000
	5500	1528	76		1250		91			
	6600	1722	68		1384		88			
32Sh-9A 800S76A	4160	1156	75	740	976	1400	86	7.5	900	8000
	5200	1444	69		1085		86			
	6200	1722	63		1222		87			

Gas generator set



Product Introduction

- Efficient and energy-saving: high power generation efficiency, excellent fuel utilization rate, adaptable to various gas sources such as natural gas, biogas, coalbed methane, LPG, low operating costs, and more economical long-term use;
- Green and environmentally friendly: low emissions, low noise, no black smoke or oil pollution, meeting strict environmental requirements, suitable for places with high environmental requirements such as urban areas and parks;
- Stable and reliable: fast start-up, stable load, continuous operation, equipped with multiple protections, low failure rate, easy maintenance, suitable for both backup and common power sources;
- Intelligent and convenient: Fully automatic intelligent control, remote monitoring, automatic start stop, compact structure, simple installation and maintenance, widely applicable scenarios.



Gas Generator Set



Gas Generator Set
+Soundproof Canopy

Common parameters of gas generator set:

Genset Model	Rated Power kW/KVA	Standby Power kW/KVA	rated current (A)	Engine Model	Cylinder No.	Bore*Stroke (mm)	Gas consumption (m ³ /kW.h)		Dimension (L*W*H mm)	Weight (kg)
							Natural	methane		
HM10GFQ	10/12.5	11/13.75	18	HM2.0D14E200NG	4.L	85*90	0.33	0.55	1450*750*1100	690
HM20GFQ	20/25	22/27.5	36	HM3.8D25E200NG	4.L	100*120	0.33	0.55	1650*750*1250	720
HM30GFQ	30/37.5	33/41.25	54	HM4.2D36E200NG	4.L	105*125	0.33	0.55	1850*820*1350	780
HM40GFQ	40/50	44/55	72	HM6.5D50E200NG	6.L	105*125	0.33	0.55	2200*850*1450	970
HM50GFQ	50/62.5	55/68.75	90	HM6.5D58E200NG	6.L	105*125	0.33	0.55	2250*850*1450	1050
HM60GFQ	60/75	66/82.5	108	HM6.5D66E200NG	6.L	105*125	0.33	0.55	2400*850*1500	1100
HM80GFQ	80/100	88/110	144	HM10D90E200NG	6.L	126*130	0.33	0.55	2650*1060*1650	1650
HM100GFQ	100/125	110/137.5	180	HM10D110E200NG	6.L	126*130	0.33	0.55	2750*1060*1650	1700
HM120GFQ	120/150	132/165	216	HM12D136E200NG	6.L	126*155	0.33	0.55	2970*1150*1700	2050
HM150GFQ	50/187.5	165/206.5	270	HM12D170E200NG	6.L	126*155	0.33	0.55	2970*1150*1700	2100
HM180GFQ	180/225	198/247.5	324	HM12D200E200NG	6.L	126*155	0.33	0.55	3050*1200*1700	2300
HM200GFQ	200/250	220/275	360	HM12D238E200NG	6.L	126*155	0.33	0.55	3050*1200*1700	2350
HM250GFQ	250/312.5	275/343.75	450	HM13D288E200NG	6.L	127*165	0.33	0.55	3200*1250*1750	2700
HM300GFQ	300/375	330/412.5	540	HM19D330E200NG	6.L	127*165	0.33	0.55	3600*1300*1910	3800
HM400GFQ	400/500	440/550	720	HM38D460E200NG	12.V	159*159	0.33	0.55	3700*1550*2050	3970
HM500GFQ	500/625	550/687.5	900	HM161D550E200NG	6.L	300*380	0.33	0.55	5800*1600*2900	18000
HM600GFQ	600/750	660/825	1080	HM215D660E200NG	8.V	300*380	0.33	0.55	5400*1600*2900	22000
HM700GFQ	700/875	770/962.5	1260	HM215D770E200NG	8.V	300*380	0.33	0.55	5400*1600*2900	22000
HM1000GFQ	1000/1250	1100/1375	1800	HM215D1100E200NG	8.V	300*380	0.33	0.55	6400*1600*3100	25000

Soundproof box



Product Introduction

Container type static speaker is an integrated noise reduction and protection solution designed specifically for high-power generator sets. It uses standard containers as carriers and integrates core functions such as noise reduction, heat dissipation, protection, and control. It not only solves the high noise pain points of traditional generator sets, but also takes into account the adaptability to harsh outdoor environments and global logistics transportation convenience. It is a core power supporting equipment for data centers, emergency support, mining and oil fields, urban infrastructure and other scenarios.

Application field

- Emergency backup power supply: places such as hospitals, banks, data centers, and communication base stations that require extremely high reliability and quietness of power supply;
- Outdoor engineering and infrastructure: urban construction sites, bridge construction, mining and other scenarios that require temporary power supply and meet environmental protection and noise reduction requirements;
- Large scale events and competitions: concerts, sports events, outdoor exhibitions, and other occasions that require temporary power supply and prohibit high noise interference;
- Remote area power supply: Areas with special requirements for concealment and quietness, such as rural areas, pastoral areas, islands, and military bases that are not covered by the power grid.



Soundproof box

Other models



Weichai 20KW Silent Generator Set



Yuchai 40KW Silent Generator Set



Weichai 30KW Silent Diesel Generator Set



Shangchai 45KW Silent Generator Set



Steir 300KW Silent Generator Set



Weichai 350KW Silent Generator Set

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ublic welfare

Huamin Power fulfills its social responsibilities. We have long cared for vulnerable groups such as the elderly living alone, people with disabilities and out-of-school children, delivering warmth and responsibility through concrete actions and receiving multiple recognitions from society. These recognitions fully reflect the affirmation from the industry, market and society for our comprehensive strength, brand credibility and commitment to social responsibility.

