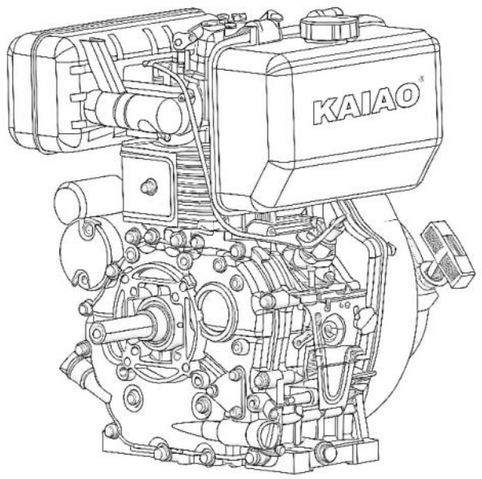
KAIAO®

品质铸就卓越 · 动力驱动未来

QUALITY FORGES EXCELLENCE · POWER DRIVES THE FUTURE



无锡凯奥动力机械有限公司

WUXI KAIAO POWER MACHINERY CO., LTD.

www.kaiaopower.com

江苏省无锡市滨湖区胡埭工业园张舍路12号

Address: NO.12 Zhangshe Road, Hudai Industrial Area, Binhu District, Wuxi City, Jiangsu Province

Tel：+86-0510-85580979　Fax：+86-0510-85582259

E-mail：kaiao@wxkaiao.com

公司官网 OFFICIAL WEBSITE

产品详情 PRODUCT DETAILS

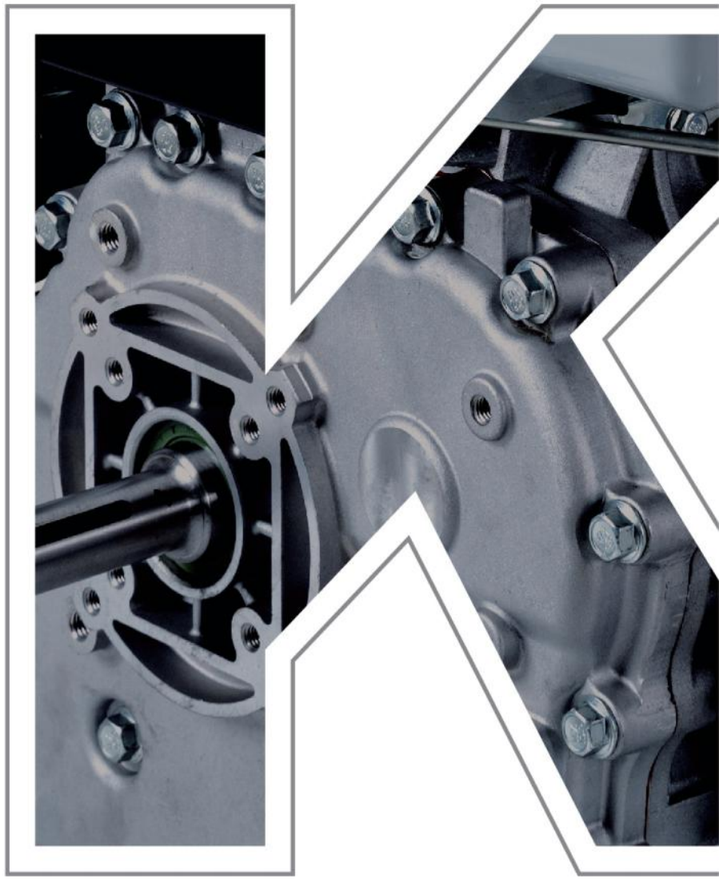
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For all parameters, we may change them as technology updates. The content of the catalogue can't be used as a legal basis for claims and disputes.

KAIAO®

劲擎驰骋　耐用随行

STRONG POWER STURDY&DURABLE



WUXI KAIAO POWER MACHINERY CO., LTD.

无锡凯奥动力机械有限公司，是一家集研发、设计、生产为一体的发电机组制造商。公司主要生产小型风冷柴油发动机，风冷柴油发电机组，水泵机组，电焊机组，大功率柴油发电机组、小型工程机械及其他建筑，园艺机械。

公司位于风景秀丽的江南水乡无锡太湖之滨，东临亚洲明珠上海，西临千年古都南京，京沪铁路，沪宁高速，横贯境内，交通十分便利。公司产品远销欧洲、非洲、南美、亚洲等国家，也为国内的通信、电力、石油、银行、国防等众多重要行业长期提供大批优质产品，赢得了广泛的赞誉和信任。

公司注重管理实效，狠抓产品质量，注重员工素质以及工作技能的提高，建立和健全了员工激励制度和个人职业发展规划。做成功的凯奥人，是公司每个员工的目标。

公司确立了品质与服务的战略方针，启动“合作，诚信，互利，进取”的经营理念，为客户缔造最佳使用感受而不断挑战，坚持创新。

Wuxi Kaiao Power Machinery Co., Ltd. is a generator set manufacturer integrating R&D, design and production. The company mainly produces small air-cooled diesel engines, air-cooled diesel generator sets, water pump units, welding units, high-power diesel generator sets, small construction machinery and other construction and horticultural machinery.

The company is located on the shore of Taihu Lake in Wuxi, a beautiful water town in the south of the Yangtze River. It is adjacent to Shanghai, the pearl of Asia, in the east and Nanjing, the ancient capital of a thousand years, in the west. The Beijing-Shanghai Railway and the Shanghai-Nanjing Expressway run through the area, making transportation extremely convenient. The company's products are exported to Europe, Africa, South America, Asia and other countries. It also provides a large number of high-quality products for many important domestic industries such as communication, power, petroleum, banking and national defense for a long time, and has won wide acclaim and trust.

The company attaches great importance to the effectiveness of management, strictly controls product quality, focuses on improving the quality and work skills of employees, and has established and improved an employee incentive system and personal career development plans. To be a successful employee of Kaiao is the goal of every employee in the company.

The company has established strategic guidelines for quality and service, initiated the business philosophy of "cooperation, integrity, mutual benefit and progress", and is constantly challenging and innovating to create the best user experience for customers.

KAIAO

INNOVATE

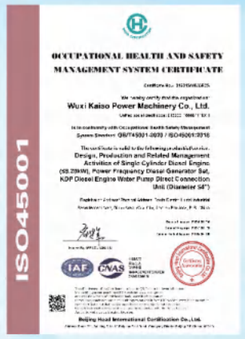
在创新与突破的道路上，我们从未停歇。



质量管理体系认证
ISO 9001



环境管理体系认证
ISO 14001



职业健康安全管理体系认证
ISO 45001



泰尔产品认证
TLC CERTIFICATION



国四环保
CHINA IV EMISSION



欧五
EURO V



欧五
EURO V



CE认证
CE CERTIFICATION



凯奥动力 精工制造

PRECISION MANUFACTURING

KAIAO®



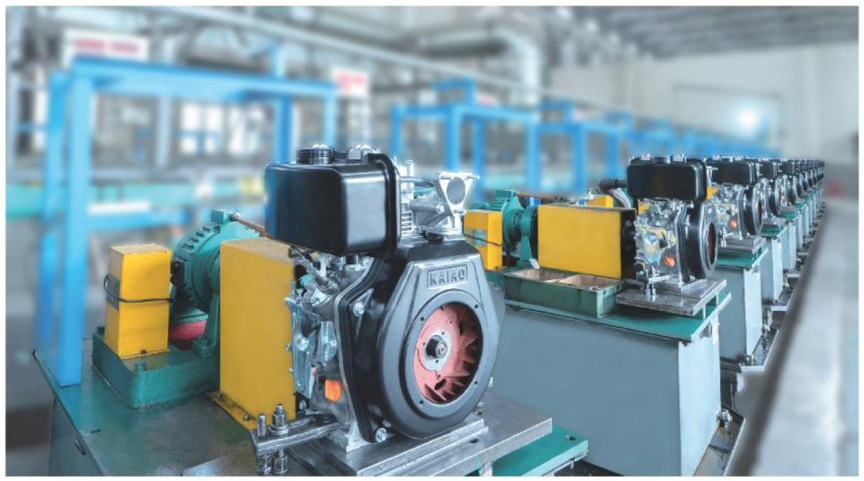


凯奥动力凭借技术、人才、市场、管理等多维度的优势,提升国际竞争环境下全球运营实力，成为世界可信赖的全套发电机组解决方案的制造商。

With its multi-dimensional advantages in technology, talent, market and management, KAIAO Power has enhanced its global operational strength in the international competitive environment and become a trusted manufacturer of complete generator set solutions worldwide.

紧跟时代浪潮，凯奥动力加快自动化、信息化发展步伐，建设行业领先的生产设备，采用尖端制造工艺，用质量、环境、安全及职业健康综合管理体系约束生产全流程为打造高品质，更安全的产品保驾护航。

Keeping pace with The Times, KAIAO Power accelerates the development of automation and informatization, builds industry-leading production equipment, adopts cutting-edge manufacturing processes, and uses an integrated management system covering quality, environment, safety and occupational health to regulate the entire production process, ensuring the creation of high-quality and safer products.







300000+

Factory building area

占地面积（m^2）

330000+

Diesel engine

柴油机（台）

100000+

Generator set

发电机组（台）

凯奥动力的每一个产品、每一个部件都经过精心制造并通过严格的检测将责任溶于每一个部件，加上先进的检测设备和严格的科学化管理使每一个生产的成品经得住顾客的精心挑选。

Every product and component of KAIAO Power is meticulously manufactured and undergoes strict testing, infusing responsibility into each part. Coupled with advanced testing equipment and strict scientific management, every finished product produced can stand up to the careful selection of customers.

KA173F/178F/186FA

单缸柴油发动机
SINGLE-CYLINDER DIESEL ENGINES

独特的传动技术
UNIQUE TRANSMISSION TECHNOLOGY

新一代的凯奥柴油发动机，采用设计精良的齿轮传动机构和精密的平衡轴，其可靠性比同类柴油机更加优越。

The new generation of KAIAO diesel engines, featuring well-designed gear transmission mechanisms and precise balance shafts, offer superior reliability compared to similar diesel engines.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KA173F		KA178F		KA186FA	
类型 Engine Type	单缸、立式、四冲程、风冷、直喷 Single-cylinder, Vertical, Four-stroke, Air-cooled, Direct injection					
额定转速 Rated Speed(rpm)	3000	3600	3000	3600	3000	3600
额定功率 Rated Power(Hp /KW)	4.7/3.45	5.5/4.05	5.0/3.68	5.6/4.1	7.9/5.7	8.6/6.3
最大功率 Max Power(Hp /KW)	5.17/3.8	6.12/4.5	5.44/4.0	6.12/4.5	8.57/6.3	9.38/6.9
缸径×行程 Bore × Stroke (mm)	73×59		78×62		86×72	
排量 Displacement (ml cc)	247		296		418	
压缩比 Compression Ratio	19:1		20:1		19:1	
启动方式 Starting System	F:手拉启动 Recoil starter E:电启动 Electric starter					
油箱容量 Fuel tank Capacity (L) approx.	2.5		3.5		5.5	
燃油耗 Fuel consumption(g/kw*h)	≤280	≤288	≤276.1	≤285.6	≤271.5	≤280
包装尺寸 Pack Dimension(L×W×H mm)	450×390×480		490×430×520		520×520×570	
净重 Net Weight (KGS)	28		35		47	

KA188F/192F/195F/1100F

单缸柴油发动机
SINGLE-CYLINDER DIESEL ENGINES

牢固的整机构造
SOLID OVERALL STRUCTURE

完美的设计机构，合理的材质选择造就了结实牢固的凯奥柴油机。坚固轻巧的机体主要构件，高强度的曲轴部件、简洁的外形结构，足以证明凯奥发动机是完美的动力之源。

The perfect design mechanism and reasonable material selection have created the sturdy and reliable KAIAO diesel engine. The sturdy and lightweight main components of the engine body, the high-strength crankshaft parts and the simple shape structure are sufficient to prove that the KAIAO engine is a perfect source of power.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KA188F		KA192F		KA195F		KA1100F	
类型 Engine Type	单缸、立式、四冲程、风冷、直喷 Single-cylinder, Vertical, Four-stroke, Air-cooled, Direct injection							
额定转速 Rated Speed(rpm)	3000	3600	3000	3600	3000	3600	3000	3600
额定功率 Rated Power(Hp /KW)	9.2/6.8	10.2/7.5	10.7/7.9	12.5/9.2	11.6/8.5	12.9/9.5	13.6/10	13.6/10
最大功率 Max Power(Hp /KW)	10.2/7.5	11.15/8.2	11.69/8.6	13.73/10.1	12.64/9.3	14.14/10.4	14.96/11	14.96/11
缸径×行程 Bore × Stroke (mm)	88×75		92×75		95×75		100×85	
排量 Displacement (ml cc)	456		498		532		668	
压缩比 Compression Ratio	19:1		19:1		19:1		19:1	
启动方式 Starting System	F:手拉启动 Recoil starter E:电启动 Electric starter							
油箱容量 Fuel tank Capacity (L) approx.	5.5		5.5		5.5		5.5	
燃油耗 Fuel consumption(g/kw*h)	≤275	≤280	≤275	≤280	≤275	≤280	≤280	≤280
包装尺寸 Pack Dimension(L×W×H mm)	520×520×570 Option可选 520×450×570							
净重 Net Weight (KGS)	47		50		50		62	

KA2V88/2V92/2V95

双缸柴油发动机

DOUBLE CYLINDER DIESEL ENGINES

- 发动机整体平衡以减少振动。
- 新型机油散热器，降低油温，延长使用寿命。
- 高强度铝合金机体。

- Whole balance of engine to reduce vibration.
- New structure oil radiator to reduce oil temperature, increaseservice life.
- High-strength aluminum alloy body.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KA2V88		KA2V92		KA2V95	
类型 Engine Type	双缸V型、四冲程、风冷、直喷、电启动 V Type-Double Cylinder, 4-Stroke, Air Cooled, Direct Injection, Electric Starter					
额定转速 Rated Speed(rpm)	3000	3600	3000	3600	3000	3600
额定功率 Rated Power(Hp /KW)	17.5/13	18.8/14	20/15	21.5/16	25.2/18.8	25.2/18.8
最大功率 Max Power(Hp /KW)	19.17/14.3	20.65/15.4	22.12/16.5	23.6/17.6	27.7/20.68	27.7/20.68
缸径×行程 Bore × Stroke (mm)	2-88×75		2-92×75		2-95×88	
排量 Displacement (ml cc)	912		997		1247	
压缩比 Compression Ratio	19:1		19:1		19:1	
启动方式 Starting System	E:电启动 Electric starter					
油箱容量 Fuel tank Capacity (L) approx.	12					
燃油耗 Fuel consumption(g/kw*h)	≤255					
包装尺寸 Pack Dimension(L×W×H mm)	640×640×725 640×640×845(Fuel Tank)					
净重 Net Weight (KGS)	66		72		74	

KAIAO®

柴油发动机应用

独特的传动技术
UNIQUE TRANSMISSION TECHNOLOGY

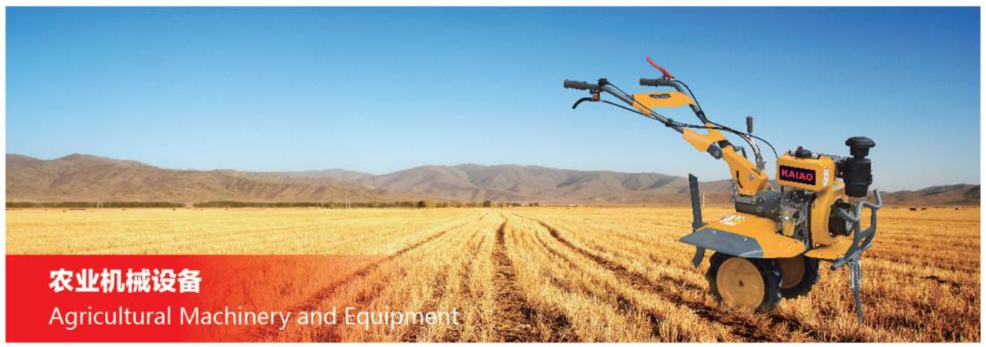
完美的喷油技术
PERFECT FUEL INJECTION TECHNOLOGY

先进的噪音设计
ADVANCED NOISE DESIGN

牢固的整机构造
SOLID OVERALL STRUCTURE







KDP20/30/40/60 /E

柴油水泵机组

DIESEL WATER PUMP UNIT

- 经济性好，燃油耗低，使用成本低。
- 高可靠性，全框架结构坚固，故障率低，恶劣环境仍有高效性能。
- 强劲动力，高效耐用的自主凯奥动力驱动。

- Excellent Economy: Low fuel consumption and low usage costs.
- High Reliability: Robust full-frame structure ensures low failure rate and high efficiency even in harsh environments..
- Powerful Performance: Driven by self-developed KAIAO engine, durable and high efficiency.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDP20/E	KDP30/E	KDP40/E	KDP60/E
泵体材质 Pump Material	铝 Aluminum			
口径 Diameter(mm inch)	50(2")	80(3")	100 (4")	150 (6")
最大流量 Max. Flow(m^3/h)	22	30	40	158
最大扬程 Max. Lift(m)	15	13	19	24
最大吸程 Max. Suction lift(m)	8	8	8	8
转速 Rotational Speed(rpm)	3600	3600	3600	3600
自吸时间 Self-priming Time(s/4m)	80	120	180	180
发动机型号 Engine Model	KA173F/E	KA178F/E	KA186FA/E	KA192FE
最大功率 Max Power(Hp /RPM)	5.5/3600	5.6/3600	9.38/3600	12.5/3600
缸径×行程 Bore × Stroke (mm)	73×59	78×62	86×72	92×75
排量 Displacement (ml cc)	247	296	418	498
启动方式 Starting System	手拉启动 Recoil starter ; E: 电启动（常规无电池), 可选电池 E: Electric starter(normal without battery), battery option.			
包装尺寸 Pack Dimension(L×W×H mm)	525×430×555	590×480×585	690×510×630	860×590×880
净重 Net Weight (KGS)	35/40	46/52	63/69	108

KDP15/20/30 H/E

柴油高压水泵机组

HIGH PRESSURE DIESEL WATER PUMP UNIT

- 性能优异的叶轮，有着高压力，大流量，高扬程的优点。
- 强劲动力，高效耐用的自主凯奥动力驱动。
- 耐腐蚀，维护成本较低，结构稳定。

- Excellent performance and quality impeller, featuring the advantages of high pressure, large flow and high head.
- Powerful Performance: Driven by self-developed KAIAO engine, durable and high efficiency.
- Corrosion-resistant, Low maintenance costs and stable structure.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDP15H/E	KDP20H/E	KDP30H/E
泵体材质 Pump Material	铝 Aluminum		
口径 Diameter(mm inch)	40(1.5")	50(2")	80(3")
最大流量 Max. Flow(m^3/h)	10	20	32
最大扬程 Max. Lift(m)	42	100	102
最大吸程 Max. Suction lift(m)	7	7	7
转速 Rotational Speed(rpm)	3600	3600	3600
自吸时间 Self-priming Tme(s/4m)	≤160S	≤160S	≤160S
发动机型号 Engine Model	KA178F/E	KA178F/E	KA186FA/E
最大功率 Max Power(Hp /RPM)	5.6/3600	5.6/3600	9.38/3600
缸径×行程 Bore × Stroke (mm)	78×62	78×62	86×72
排量 Displacement (ml cc)	296	296	418
启动方式 Starting System	手拉启动 Recoil starter ; E: 电启动（常规无电池), 可选电池 E: Electric starter(normal without battery), battery option.		
包装尺寸 Pack Dimension(L×W×H mm)	590×480×585	590×480×585	690×510×630
净重 Net Weight (KGS)	43/49	43/49	60/66

KDP20/30/40 HS/E /30F

柴油铁壳水泵机组

CAST IRON DIESEL WATER PUMP UNIT

● 应用领域：
农业、矿业和冶金工业、生活供水、园林绿化、消防使用等等。
● 动力强劲，适配重负荷场景。满足高扬程、大流量的需求。
● 铁壳耐用，抗造性强。
铁质外壳高强度材料，耐磨性好，不易出现破裂、变形。

● **Application Fields:**
Agriculture, Mining and Metallurgical Industry, Domestic Water Supply, Landscaping, Firefighting, etc.
● Strong power, suitable for heavy-load scenarios.
Meet the demands of high head and large flow rate.
● Iron casing is durable and highly resistant to wear.
The iron shell is made of high-strength material with excellent wear resistance, and is not prone to cracking or deformation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDP20HS/E	KDP30HS/E	KDP40HS/E	KDP30F
泵体材质 Pump Material	铁 CAST IRON			
口径 Diameter(mm inch)	50(2")	80(3")	100 (4")	80(3")
最大流量 Max. Flow(m³/h)	30	42	130	56
最大扬程 Max. Lift(m)	75	75	40	92
最大吸程 Max. Suction lift(m)	7	7	7	7
自吸时间 Self-priming Time(s/4m)	≤180s	≤180s	≤180s	无水尾气自吸 Waterless Self-Priming by exhaust muffler
叶轮直径 Impeller Diamater(mm)	175	188	150	208
发动机型号 Engine Model	KA178F/E	KA186FA/E	KA192F/E	KA192FE
最大功率 Max Power(Hp /RPM)	5.6/3600	9.38/3600	12.5/3600	12.5/3600
缸径×行程 Bore × Stroke (mm)	78×62	86×72	92×75	92×75
排量 Displacement (ml cc)	296	418	498	498
启动方式 Starting System	手拉启动 Recoil starter; E: 电启动（常规无电池), 可选电池 E: Electric starter(normal without battery), battery option.			
包装尺寸 Pack Dimension(L×W×H mm)	590×480×585	690×510×630	690×510×630	660×560×630
净重 Net Weight (KGS)	47.5/53.5	83/89	85/91	108

KDE2500/3500 X/E

开架柴油发电机组

OPEN TYPE DIESEL GENERATOR SET

● 新型电压自动调节器保证了电压平稳输出，同时具有过载保护功能。
● 电机材料100%铜，绝不偷工减料。
● 自研凯奥动力，功率强劲，高效运行。

● The new type of automatic voltage regulator ensures smooth voltage output and also has overload protection function.
● The alternator is made of 100% copper. Never cut corners or cheat in work.
● Self-developed KAIAO Engine by domestic R&D, Powerful Performance, Efficient Operation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE2500X/E		KDE3500X/E	
频率 Frequency (Hz)	50	60	50	60
额定功率 Rated Power(kVA)	1.7	2	2.8	3
最大功率 Max Power(kVA)	2	2.2	3	3.2
额定电压 Voltage (V)	115/230	120/240	115/230	120/240
额定电流 Current (A)	14.9/7.4	16.7/8.3	24.4/12.2	25/12.5
相数 Phase	单相 Single			
功率因数 Power Factor(Φ)	1			
启动方式 Starting System	X:手拉启动 E:电启动 X:Recoil start E: Electric start			
发动机型号 Engine Model	KA173F/E		KA178F/E	
油箱容量 Fuel tank Capacity (L) approx.	12.5		12.5	
噪音7 m处 Noise Level (7m)	77 dB		77 dB	
可选配置 Optional Configuration	ATS; 遥控启动 Remote control; 数字面板 Digital panel; 大轮子大方管和把手 Big wheel,Big square frame tube and handle			
包装尺寸 Pack Dimension(L×W×H mm)	690×530×590			
净重 Net Weight (KGS)	53/56		65/70	

KDE6500E/E3 8600E/E3

开架柴油发电机组

OPEN TYPE DIESEL GENERATOR SET

- 新型电压自动调节器保证了电压平稳输出，同时具有过载保护功能。
- 电机材料100%铜，绝不偷工减料。
- 自研凯奥动力，功率强劲，高效运行。

- The new type of automatic voltage regulator ensures smooth voltage output and also has overload protection function.
- The alternator is made of 100% copper. Never cut corners or cheat in work.
- Self-developed KAIAO Engine by domestic R&D, Powerful Performance, Efficient Operation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE6500E		KDE6500E3		KDE8600E		KDE8600E3	
频率 Frequency (Hz)	50	60	50	60	50	60	50	60
额定功率 Rated Power(kVA)	4.5	5	5.5	6.3	5.5	6	6.9	7.5
最大功率 Max Power(kVA)	5	5.5	6	7	6	6.5	7.5	8.1
额定电压 Voltage (V)	115/230	120/240	230/400	240/416	115/230	120/240	230/400	240/416
额定电流 Current (A)	39.1/19.6	41.7/20.8	7.6	8.7	47.8/23.9	50/25	10	10.4
相数 Phase	单相Single		三相 Three		单相Single		三相 Three	
功率因数 Power Factor(Φ)	1		0.8		1		0.8	
启动方式 Starting System	手拉启动: Recoil start 电启动: Electric start							
发动机型号 Engine Model	KA186FAE		KA186FAE		KA188FE		KA188FE	
油箱容量 Fuel tank Capacity (L) approx.	12.5		12.5		12.5		12.5	
噪音7 m处 Noise Level (7m)	77 dB		77 dB		77 dB		77 dB	
可选配置 Optional Configuration	ATS; 遥控启动 Remote control; 数字面板 Digital panel; 大轮子大方管和把手 Big wheel,Big square frame tube and handle							
包装尺寸 Pack Dimension(L×W×H mm)	760×515×710							
净重 Net Weight (KGS)	105		105		108		108	

KDE8800E/E3 11000E/E3

开架柴油发电机组

OPEN TYPE DIESEL GENERATOR SET

- 新型电压自动调节器保证了电压平稳输出，同时具有过载保护功能。
- 电机材料100%铜，绝不偷工减料。
- 自研凯奥动力，功率强劲，高效运行。

- The new type of automatic voltage regulator ensures smooth voltage output and also has overload protection function.
- The alternator is made of 100% copper. Never cut corners or cheat in work.
- Self-developed KAIAO Engine by domestic R&D, Powerful Performance, Efficient Operation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE8800E		KDE8800E3		KDE11000E		KDE11000E3	
频率 Frequency (Hz)	50	60	50	60	50	60	50	60
额定功率 Rated Power(kVA)	7	7.5	8.75	9.3	8	8	10	10
最大功率 Max Power(kVA)	7.5	8	9.3	10	8.5	8.5	11	11
额定电压 Voltage (V)	115/230	120/240	230/400	240/416	115/230	120/240	230/400	240/416
额定电流 Current (A)	60.8/30.4	62.5/31.25	15.8	16.1	69/34.7	66/33	18.1	17.4
相数 Phase	单相Single		三相 Three		单相Single		三相 Three	
功率因数 Power Factor(Φ)	1		0.8		1		0.8	
启动方式 Starting System	手拉启动: Recoil start 电启动: Electric start							
发动机型号 Engine Model	KA195FE		KA195FE		KA1100FE		KA1100FE	
油箱容量 Fuel tank Capacity (L) approx.	12.5		12.5		12.5		12.5	
噪音7 m处 Noise Level (7m)	77 dB		77 dB		77 dB		77 dB	
可选配置 Optional Configuration	ATS; 遥控启动 Remote control; 数字面板 Digital panel; 大轮子大方管和把手 Big wheel,Big square frame tube and handle							
包装尺寸 Pack Dimension(L×W×H mm)	760×515×710				785×560×770			
净重 Net Weight (KGS)	120		120		160		160	

KDE6500/7500 E-3D

等功率开架柴油发电机组

EQUAL POWER OPEN TYPE DIESEL GENERATOR SET

- 新型电压自动调节器保证了电压平稳输出，同时具有过载保护功能。
- 电机材料100%铜，绝不偷工减料。
- 自研凯奥动力，功率强劲，高效运行。

- The new type of automatic voltage regulator ensures smooth voltage output and also has overload protection function.
- The alternator is made of 100% copper. Never cut corners or cheat in work.
- Self-developed KAIAO Engine by domestic R&D, Powerful Performance, Efficient Operation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE6500E-3D				KDE7500E-3D			
频率 Frequency (Hz)	50		60		50		60	
额定功率 Rated Power(kVA)	4	5.5	4	5.5	4.8	7	4.8	7
最大功率 Max Power(kVA)	4.5	6	4.5	6	5.2	7.5	5.2	7.5
额定电压 Voltage (V)	230	400	240	416	230	400	240	416
额定电流 Current (A)	17.4	9.96	16.7	9.5	20.9	12.6	20.9	12.6
相数 Phase	单相Single	三相 Three	单相Single	三相 Three	单相Single	三相 Three	单相Single	三相 Three
功率因数 Power Factor(Φ)	1	0.8	1	0.8	1	0.8	1	0.8
启动方式 Starting System	手拉启动: Recoil start 电启动: Electric start							
发动机型号 Engine Model	KA186FAE		KA186FAE		KA188FE		KA188FE	
油箱容量 Fuel tank Capacity (L) approx.	12.5		12.5		12.5		12.5	
噪音7 m处 Noise Level (7m)	77 dB		77 dB		77 dB		77 dB	
包装尺寸 Pack Dimension(L×W×H mm)	770×535×705							
净重 Net Weight (KGS)	110		110		110		110	

KAIAO®

KDE8500/8800 E-3D

等功率开架柴油发电机组

EQUAL POWER OPEN TYPE DIESEL GENERATOR SET

- 新型电压自动调节器保证了电压平稳输出，同时具有过载保护功能。
- 电机材料100%铜，绝不偷工减料。
- 自研凯奥动力，功率强劲，高效运行。

- The new type of automatic voltage regulator ensures smooth voltage output and also has overload protection function.
- The alternator is made of 100% copper. Never cut corners or cheat in work.
- Self-developed KAIAO Engine by domestic R&D, Powerful Performance, Efficient Operation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE8500E-3D				KDE8800E-3D			
频率 Frequency (Hz)	50		60		50		60	
额定功率 Rated Power(kVA)	5.6	8	5.6	8	5.6	8.5	5.6	8.5
最大功率 Max Power(kVA)	6	8.5	6	8.5	6	9	6	9
额定电压 Voltage (V)	230	400	240	416	230	400	240	416
额定电流 Current (A)	24.3	14.5	23.3	13.9	24.3	15.3	23.3	14.8
相数 Phase	单相Single	三相 Three	单相Single	三相 Three	单相Single	三相 Three	单相Single	三相 Three
功率因数 Power Factor(Φ)	1	0.8	1	0.8	1	0.8	1	0.8
启动方式 Starting System	手拉启动: Recoil start 电启动: Electric start							
发动机型号 Engine Model	KA192FE		KA192FE		KA195FE		KA195FE	
油箱容量 Fuel tank Capacity (L) approx.	12.5		12.5		12.5		12.5	
噪音7 m处 Noise Level (7m)	77 dB		77 dB		77 dB		77 dB	
包装尺寸 Pack Dimension(L×W×H mm)	770×535×705							
净重 Net Weight (KGS)	120		120		120		120	

KDE6500T/T3 8600T/T3

静音柴油发电机组

SILENT DIESEL GENERATOR SET

- 新型电压自动调节器保证了电压平稳输出，同时具有过载保护功能。
- 电机材料100%铜，绝不偷工减料。
- 自研凯奥动力，功率强劲，高效运行。

- The new type of automatic voltage regulator ensures smooth voltage output and also has overload protection function.
- The alternator is made of 100% copper. Never cut corners or cheat in work.
- Self-developed KAIAO Engine by domestic R&D, Powerful Performance, Efficient Operation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE6500T		KDE6500T3		KDE8600T		KDE8600T3	
频率 Frequency (Hz)	50	60	50	60	50	60	50	60
额定功率 Rated Power(kVA)	4.5	5	5.5	6.3	5.5	6	6.9	7.5
最大功率 Max Power(kVA)	5	5.5	6	7	6	6.5	7.5	8.1
额定电压 Voltage (V)	115/230	120/240	230/400	240/416	115/230	120/240	230/400	240/416
额定电流 Current (A)	39.1/19.6	41.7/20.8	7.6	8.7	47.8/23.9	50/25	10	10.4
相数 Phase	单相Single		三相 Three		单相Single		三相 Three	
功率因数 Power Factor(Φ)	1		0.8		1		0.8	
启动方式 Starting System	电启动 Electric start							
发动机型号 Engine Model	KA186FAE		KA186FAE		KA188FE		KA188FE	
油箱容量 Fuel tank Capacity (L) approx.	15		15		15		15	
噪音7 m处 Noise Level (7m)	72 dB		72 dB		72 dB		72 dB	
可选配置 Optional Configuration	ATS；遥控启动Remote control；数字面板 Digital panel							
包装尺寸 Pack Dimension(L×W×H mm)	970×560×770							
净重 Net Weight (KGS)	158		161		172		172	

KAIAO®

KDE8800T/T3 11000T/T3

静音柴油发电机组

SILENT DIESEL GENERATOR SET

- 新型电压自动调节器保证了电压平稳输出，同时具有过载保护功能。
- 电机材料100%铜，绝不偷工减料。
- 自研凯奥动力，功率强劲，高效运行。

- The new type of automatic voltage regulator ensures smooth voltage output and also has overload protection function.
- The alternator is made of 100% copper. Never cut corners or cheat in work.
- Self-developed KAIAO Engine by domestic R&D, Powerful Performance, Efficient Operation.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE8800T		KDE8800T3		KDE11000T		KDE11000T3	
频率 Frequency (Hz)	50	60	50	60	50	60	50	60
额定功率 Rated Power(kVA)	7	7.5	8.75	9.3	8	8	10	10
最大功率 Max Power(kVA)	7.5	8	9.3	10	8.5	8.5	11	11
额定电压 Voltage (V)	115/230	120/240	230/400	240/416	115/230	120/240	230/400	240/416
额定电流 Current (A)	60.8/30.4	62.5/31.25	15.8	16.1	69/34.7	66/33	18.1	17.4
相数 Phase	单相Single		三相 Three		单相Single		三相 Three	
功率因数 Power Factor(Φ)	1		0.8		1		0.8	
启动方式 Starting System	电启动 Electric start							
发动机型号 Engine Model	KA195FE		KA195FE		KA1100FE		KA1100FE	
油箱容量 Fuel tank Capacity (L) approx.	15		15		15		12.5	
噪音7 m处 Noise Level (7m)	72 dB		72 dB		72 dB		72 dB	
可选配置 Optional Configuration	ATS；遥控启动Remote control；数字面板 Digital panel							
包装尺寸 Pack Dimension(L×W×H mm)	970×560×770				1140×680×835			
净重 Net Weight (KGS)	175		175		202		202	

KDE6500/8800 S/S3

超级静音柴油发电机组

SUPER SILENT DIESEL GENERATOR SET

极低的噪音水平

EXTREMELY LOW NOISE LEVEL

通过多层次和系统化的隔音、吸音、消声技术，将噪音降至极低水平，处于世界领先优势。创造宁静环境：对噪音敏感的环境和人群友好，不会造成噪音污染或干扰。

Achieved through multi-level and systematic sound insulation, sound absorption, and noise cancellation technologies, reducing noise to extraordinary low level,in leading position all over the world. Creating a tranquil environment: Friendly to noise-sensitive environments and populations, causing no noise pollution or disturbance.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE6500S/S3		KDE8800S/S3	
频率 Frequency (Hz)	50	60	50	60
额定功率 Rated Power(kVA)	4.2(5.3)	4.5(5.6)	5.5(6.9)	6.0(7.5)
最大功率 Max Power(kVA)	4.5(5.6)	5.0(6.3)	6.0(7.5)	6.5(8.1)
额定电压 Voltage (V)	115/230(230/400)	120/240 (240/416)	115/230(230/400)	120/240 (240/416)
额定电流 Current (A)	36.5/18.2(7.6)	37.5/18.75(7.8)	47.8/23.9(9.96)	50/25(10.4)
相数 Phase	单相Single (三相 Three)		单相Single (三相 Three)	
功率因数 Power Factor(Φ)	1 (0.8)		1 (0.8)	
启动方式 Starting System	S: 电启动，超静音 S: Electric start, Super Silent			
发动机型号 Engine Model	KA186FAE		KA195FE	
油箱容量 Fuel tank Capacity (L) approx.	14.5		14.5	
噪音7 m处 Noise Level (7m)	65 dB	66 dB	66 dB	67 dB
可选配置 Optional Configuration	ATS； 遥控启动 Remote control； 数字面板 Digital panel			
包装尺寸 Pack Dimension(L×W×H mm)	995×645×890			
净重 Net Weight (KGS)	207		210	

KAIAO®

KDE3000/5000 i

数码柴油发电机组

DIESEL INVERTER GENERATOR SET

轻便紧凑，良好的便携性

COMPACT DESIGN, LIGHTER AND EXCELLENT PORTABILITY

●设计非常紧凑，体积缩小；
●重量也大大减轻，相比普通开架5KW机组减少30%左右；
●这使得它成为露营、房车旅行、户外作业等场景的理想选择。

●The design is exceptionally compact, with significantly reduced size and weight.
●Compared to normal open 5KW gensets, reduced 30% around weight.
●This makes them an ideal choice for scenarios such as camping, RV trips, and outdoor work.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE3000i		KDE5000i	
频率 Frequency (Hz)	50	60	50	60
额定功率 Rated Power(kVA)	2.8	2.8	4.8	4.8
最大功率 Max Power(kVA)	3	3	5.2	5.2
额定电压 Voltage (V)	115/230	120/240	115/230	120/240
额定电流 Current (A)	24.4/12.2	23.3/11.7	41.7/20.8	40/20
相数 Phase	单相 Single			
启动方式 Starting System	手拉启动 Recoil start 电启动 Electric start			
发动机型号 Engine Model	KA173FE		KA188FE	
油箱容量 Fuel tank Capacity (L) approx.	12.5		12.5	
噪音7 m处 Noise Level (7m)	77 dB		77dB	
包装尺寸 Pack Dimension(L×W×H mm)	520×480×695		600×505×750	
净重 Net Weight (KGS)	47		70	

KDE12/15/18 E/E3

双缸柴油发电机组

DOUDLE CYLINDER DIESEL GENERATOR SET

- 新型电压自动调节器保证了电压平稳输出。
- 新型智能化面板可实时显示工作参数，同时具有过载保护功能。

- The new type of automatic voltage regulator ensures a stable voltage output.
- The new type of intelligent panel can display working parameters in real time and also has overload protection function.







●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE12E/E3		KDE15E/E3		KDE18E/E3	
频率 Frequency (Hz)	50	60	50	60	50	60
额定功率 Rated Power(KW)	10	10.5	12	13	14	14
最大功率 Max Power(KW)	11	11.5	13	14	15	15
额定电压 Voltage (V)	115/230 120/240 (230/400 240/416)					
相数 Phase	单相/三相 Single/ Three Phase					
启动方式 Starting System	E：电启动 E: Electric start					
发动机型号 Engine Model	2V88		2V92		2V95	
油箱容量 Fuel tank Capacity (L) approx.	25		25		25	
噪音7 m处 Noise Level (7m)	80 dB		82 dB		85 dB	
包装尺寸 Pack Dimension(L×W×H mm)	920×685×910					
净重 Net Weight (KGS)	199		211		252	

KDE12/15/18 T/T3

双缸柴油发电机组

DOUDLE CYLINDER DIESEL GENERATOR SET

- 低油压报警系统可自动关闭发动机。
- 电起动方式保证了机组可快速起动。
- 整体式机柜保证了机组静音运行。

- The low oil pressure alarm system can automatically shut down the engine.
- The electric starting method ensures that the unit can start quickly.
- The integral cabinet ensures the silent operation of the unit.





●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE12T/T3		KDE15T/T3		KDE18T/T3	
频率 Frequency (Hz)	50	60	50	60	50	60
额定功率 Rated Power(KW)	10	10.5	12	13	14	14
最大功率 Max Power(KW)	11	11.5	13	14	15	15
额定电压 Voltage (V)	115/230 120/240 (230/400 240/416)					
相数 Phase	单相/三相 Single/ Three Phase					
启动方式 Starting System	T：电启动 静音 T: Electric start and silent					
发动机型号 Engine Model	2V88		2V92		2V95	
油箱容量 Fuel tank Capacity (L) approx.	28		28		28	
噪音7 m处 Noise Level (7m)	71dB		73 dB		75 dB	
包装尺寸 Pack Dimension(L×W×H mm)	1200×670×930					
净重 Net Weight (KGS)	260		270		323	

KDE6500EW/TW/WA 8600EW 300EW

柴油发电电焊两用机组

DUAL-USE DIESEL WELDING GENERATOR SET

● 一机双用，性能卓越，理想的性价比，让用户享受到更多的经济实惠。
● 引弧容易，电弧稳定，焊接电流调节方便，调节范围在50-200A，可适用于 2.0-4.0mm 焊条直径，让焊接操作变得更加得心应手。

● One device with dual functions, outstanding performance and ideal cost performance, allowing users to enjoy more economic benefits.
● It is easy to start the arc, the arc is stable, and the welding current can be adjusted conveniently, with a range of 50-200A. It can be applied to electrode diameters of 2.0-4.0mm, making the welding operation more effortless.



KDE300EW



KDE6500EW



KAIAO®

●型号与技术参数 MODEL AND TECHNICAL PARAMETERS

型号Model	KDE6500EW		KDE6500TW		KDE6500WA		KDE8600EW		KDE300EW	
频率 Frequency (Hz)	50	60	50	60	50	60	50	60	50	60
额定焊接直流电流 Rated Welding DC A	180		180		180		200		300	
电焊电流调节范围 Welding Current Adjust Range DC A	50-200		50-200		50-200		50-200		55-300	
空载焊接电压 No-load Welding Voltage(V)	50-65		50-65		50-65		50-65		50-65	
额定焊接工作电压 Rated Welding Voltage	25-30		25-30		25-30		25-30		28-32	
电焊持续负载率 Welding Load Contiues Ration	60%		60%		60%		60%		60%	
额定功率 Rated Power(KW)	2	2.2	2	2.2	4.5	5	2	2.2	4.5	4.5
额定电压 Voltage (V)	230	240	230	240	230	240	230	240	230	240
额定电流 Current (A)	8.7	9.2	8.7	9.2	19.6	20.8	8.7	9.2	19.6	18.8
相数 Phase	单相 Single									
启动方式 Starting System	手拉启动 Recoil start 电启动 Electric start						电启动 Electric start			
发动机型号 Engine Model	KA186FAE		KA186FAE		KA186FAE		KA192FE		KA2V88	
油箱容量 Fuel tank Capacity (L) approx.	12.5		15		12.5		12.5		25	
噪音7 m处 Noise Level (7m)	77 dB		72 dB		77 dB		77 dB		77 dB	
包装尺寸 Pack Dimension(L×W×H mm)	760×515×710		970×560×770		760×515×710		760×515×710		940×720×860	
净重 Net Weight (KGS)	105		170		105		110		215	

KDE22/24/25/32/36/48/55/64/70/80/90/100/120 T

康明斯机组系列
CUMMINS GENSETS SERIES





型号 Model	主用 Prime		备用 Standby		尺寸 Dimension	发动机 Engine
	KW	KVA	KW	KVA	L×W×H(mm)	Model
SILENT CUMMINS SERIES STANDARD 50HZ						
KDE22T	22	28	24	19.2	2280×900×1230	4B3.9-G1
KDE25T	25	30	27	21.6	2280×900×1230	4B3.9-G12
KDE32T	32	40	36	28.8	2280×900×1230	4BT3.9-G2
KDE48T	48	60	58	46.4	2500×1050×1500	4BTA3.9-G2
KDE64T	64	80	72	57.6	2500×1050×1500	4BTA3.9-G11
KDE80T	80	100	90	110	2900×1130×1600	6BT5.9-G2
KDE90T	90	110	105	84	2900×1130×1600	6BTA5.9-G2
SILENT CUMMINS SERIES STANDARD 60HZ						
KDE24T	24	30	28	35	2280×900×1230	4B3.9-G2
KDE36T	36	45	40	50	2280×900×1230	4BT3.9-G2
KDE55T	55	68	60	75	2500×1050×1500	4BTA3.9-G2
KDE70T	70	87.5	80	100	2500×1050×1500	4BTA3.9-G11
KDE90T	90	112.5	100	125	2900×1130×1600	6BT5.9-G2
KDE100T	100	125	110	138	2900×1130×1600	6BT5.9-G2
KDE120T	120	150	132	165	2900×1130×1600	6BTAA5.9-G2

KAIAO®

可选配置
OPTIONAL CONFIGURATION



发动机法兰盘
FLANGE PLATE



铁壳水泵快速接头
FAST CONNECTION KC



发电机组ATS
ATS HANG ON WALL



发电机组智能表
DIGITAL METER



ITALIAN TYPE ENGINE
意大利款发动机



TOP OPEN STYLE GENSET
上开门式发电机组

