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Kena Brochure

HUAN NENG

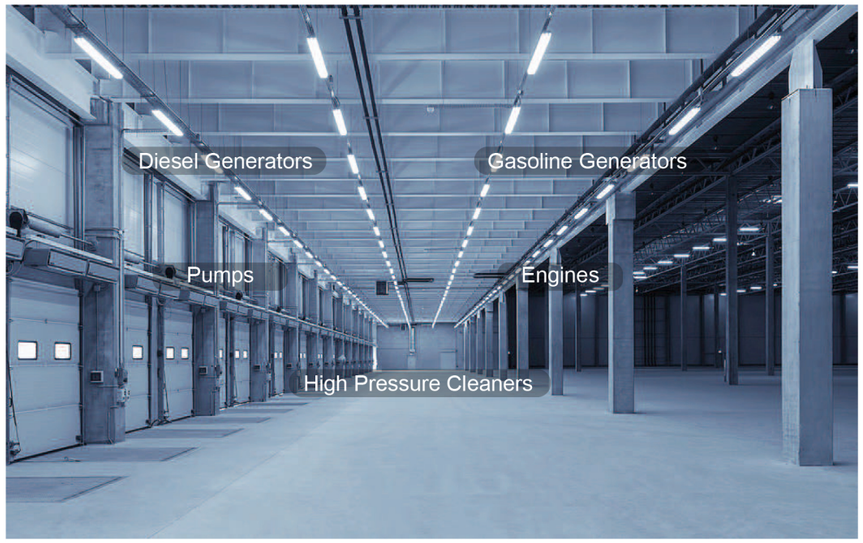
Integrity Business, Quality First

Chongqing Kena Electronmechanical Co., Ltd. is a production-oriented, innovative, integrated, service-oriented and network-based company integrating manufacturing, sales, processing and R&D. We mainly manufacture and sell gasoline generators, gasoline generator sets, digital invert silent generators, gasoline engine water pumps, diesel generators, diesel generator sets, general engines, etc. Our products sell well in the consumer market and enjoy a high status among consumers.

Small Generator Power Range: 1KW-15KW digital open frame inverter generator, 1KW-50KW gasoline generator set, 2KW-16KW single-cylinder double-cylinder open-frame generator set and silent diesel air-cooled generator set.

Large Generator Set Range: 30KW-2200KW large diesel generator set, 15KW-1000KW ultra-quiet large diesel generator set.

Engine Range: 2KW-30KW air-cooled gasoline engine, 2KW-22KW air-cooled diesel engine.



Strength demonstration

HUAN NENG

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Open Frame Gasoline Generator

PRODUCT INTRODUCTION

Powerful, stable, durable and reliable.
Easy and fast starting, smooth operation and low vibration.

Advanced design combustion chamber provides exceptional fuel efficiency and consistent power.
Heavy duty frame, unique design of anti vibration and low running tempera-ture prolongs the generator life.

technical parameter

Model		HN3800	HN4000	HN4800	HN6500	HN8000	HN9500	HN11000
Generator	Rated Power	2500W	2800W	3300W	5000W	6000W	7500W	8000W
	Max. Power	2800W	3000W	3500W	5500W	6500W	8000W	8500W
	Rated Voltage	110/220V	110/220V	110/220V	220/380V	220/380V	220/380V	220/380V
	Rated Frequency	60/50Hz	60/50Hz	60/50Hz	60/50Hz	60/50Hz	60/50Hz	60/50Hz
Engine	Engine Type	Single-cylinder / 4-stroke / Air-cooled						
	Ignition System	TCL						
	Starting System	Recoil / Electric						
	Engine Model	HN170F	HN170F	HN170FP	HN190F	HN190F	HN182FP	HN192FP
	Bore*Stroke (mm)	70*55	70*55	70*58	90*66	90*66	92*69	92*69
	Displacement (cc)	212	212	225	420	420	460	460
	Max. Output Power	7.0HP / 3600rpm	7.0HP / 3600rpm	7.5HP / 3600rpm	15.0HP / 3600rpm	15.0HP / 3600rpm	19.0HP / 3600rpm	19.0HP / 3600rpm
	Fuel Tank Capacity (L)	15	15	15	25	25	25	25
	Continuous Operating Time	10 hours	10 hours	10 hours	8 hours	8 hours	8 hours	8 hours
	Lube Oil Capacity (L)	0.6	0.6	0.6	1.1	1.1	1.1	1.1
Packing	N.W. (kg)	42	44	45	76	78	81	83
	G.W. (kg)	43	45	46	77	79	82	84
	Carton Size (mm)	610*450*470	610*450*470	610*450*470	700*540*540	700*540*540	700*540*540	700*540*540
Container Loading	20'GP	240pcs	240pcs	240pcs	128pcs	128pcs	128pcs	128pcs
	40'HQ	490pcs	490pcs	490pcs	272pcs	272pcs	272pcs	272pcs

Open Frame Gasoline Generator

PRODUCT INTRODUCTION

Powerful, stable, durable and reliable.
Easy and fast starting, smooth operation and low vibration.

Advanced design combustion chamber provides exceptional fuel efficiency and consistent power.
Heavy duty frame, unique design of anti vibration and low running tempera–ture prolongs the generator life.

technical parameter

Model		HN15000LE	HN15000LE	HN22000LE	HN25000LE
Generator	Rated Power	10kW	12kW	15kW	18kW
	Max. Power	11kW	13.5kW	16kW	20kW
	Max. Current	47.5A	47.5A	69.5A	87A
	Excitation Method	AVR			
	Rated Voltage	220V / 380V			
	Rated Frequency	50Hz			
	Phase	Single Phase / Three Phase			
	Power Factor	1.0(0.8)			
	Insulation Grade	F			
Engine	Engine Model	R740		R999	
	Bore*Stroke	82*70mm		90*78.5mm	
	Displacement	740cc		999cc	
	Fuel Consumption	≤320g/kW·h		≤374g/kW·h	
	Engine Type	2-cylinder, 4-stroke, Air-cooled, Cylinder Center Inclined to 25°		2-cylinder, 4-stroke, Air-cooled, Overhead Valve	
	Fuel Type	⩾90# Unleaded Gasoline		⩾92# Unleaded Gasoline	
	Lube Oil Capacity	1.6L		2.8L	
	Ignition Mode (Optional)	ElectricStart, ATS Auto Start			
	Starting System	Electric			
Ancillary Configuration	Fuel Capacity	30L			
	Battery Capacity	12V-36Ah Maintenance-free Battery			
	Oil Allert	Yes			
	Fuel Indicator	Yes			
	Control Panel	Digital Display			
	Caster Accessories	Standard			
Others	Noise	75dBA/7m			
	Continuous Running Time	8h			
	Packing	Wooden Pallet + Hard Carton			
	Dimensions	1000*680*890mm		1050*670*750mm	
	Weight	168kg	173kg	190kg	200kg

Open Frame Inverter Generator

PRODUCT INTRODUCTION

1. Cost effective inverter generator will protect your electric appliances with advanced technology.
2. Compact design for light weight and portability.
3. Digital inverter technology for stabler frequency.
4. Open frame designed for better heat dissipation and longer life span.

technical parameter

Model		2800i	3500i	4000i
Inverter Generator	Rated Power	2.0kW	2.8 KW	3.2 KW
	Max. Power	2.2kW	3.0 KW	3.5 KW
	Frequency	50Hz/60Hz		
	Voltage	AC, 230 V/110V		
	Power Factor	1.0		
Gasoline Engine	Engine Model	170F		
	Engine Type	Single Cylinder, Air cooling, 4-Stroke		
	Fuel Supply Mode	Carburetor		
	Compression Ratio	8.5:1		
	Bore*Stroke	70*55mm		
	Displacement	212cc		
	Engine Max. Power Output	7.0HP / 3600rpm		
	Ignition Mode	TDI		
	Starting System	Recoil		
	Fuel Capacity	7.0L		
	Lube Oil Capacity	0.6L		
	Oil Alert	Oil Alert Protection		
Packing	N.W.	21.0kg	22.7kg	23.2kg
	G.W.	22.0kg	24kg	24.5kg
	Dimensions	375*345*435mm	395*375*450mm	395*375*450mm
	Packing Size	390*365*440mm	410*385*470mm	410*385*470mm
Container Loading Q'ty	20GP	44 Units	430 Units	430 Units
	40GP	940 Units	900 Units	900 Units
	40HQ	1140 Units	900 Units	900 Units

Open Frame Inverter Generator

technical parameter

KN3600i	KN4600i	BP3600i	BP4600i	KN6500i	HN10500i	HN13500i
3kW	3.5kW	3kW	3.5kW	4.5kW	7kW	9kW
3.2kW	4kW	3.2kW	4kW	5kW	7.2kW	9.2kW
220V	220V	220V	220V	220V	220V	220V
Excitation Synchronous Generator, AVR						
50Hz						
90# Unleaded Gasoline						
Inductive Discharge Type					Transistor Magnetic Ignition	
Recoil					Recoil / Electric	
170F	170F	170F	170F	MT225	192F	194F
210cc	210cc	210cc	210cc	223cc	420cc	500cc
0.6L	0.6L	0.6L	0.6L	0.6L	1.1L	1.1L
8L	8L	8L	8L	15L	25L	25L
65dBA/7m	65dBA/7m	65dBA/7m	65dBA/7m	65dBA/7m	78dBA/7m	78dBA/7m
460*370*410	460*370*410	460*325*430	460*325*430	510*420*540	740*620*590	740*620*590
470*380*430	470*380*430	470*335*440	470*335*440	520*430*550	750*630*600	750*630*600
22kg	22kg	27kg	28kg	35kg	77kg	80kg

Digital Silent Inverter Generator

PRODUCT INTRODUCTION

Small Size & Light Weight
Low Noise
Powerful Engine
Parallel Function
Portable Handle

technical parameter

Model	H2250iS(E)	H2750iS(E）	H3150iS(E)	H3750iS(E)	H4500iS(E)	H6250iS(E)
Rated Power	1.8kW	2.2kW	2.5kW	3.0kW	3.5kW	5kW
Max. Power	2.0kW	2.4kW	2.8kW	3.3kW	4kW	5.5kW
Generator Type	Silent Inverter Generator					
Engine Type	Single Cylinder, 4 Strokes, Forced Air-cooling, Overhead Valves					
Start System	Recoil / Electric					
Dispacement	79.7cc	97.7cc	120cc	223cc	223cc	223cc
Oil Capacity	0.35L	0.35L	0.4L	0.6L	0.6L	0.7L
Tank Capacity	4.0L	4.0L	6.0L	12L	12L	11L
Full Load Running Time	4h	3.2h	≥4.5h	7h	6h	≥4h
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Voltage	120-240V	120-240V	120-230V	120-240V	120-240V	120-240V
12V DC Output	8.3A/12V	8.3A/12V	8.3A/12V	8.3A/12V	8.3A/12V	8.3A/12V
THD(%)	<2	<2	≤3	<2	<2	≤3
Noise Level @50%Load(dBA)	62	64	66	60	62	71
Dimensions	480×285×460mm	480×285×460mm	500×295×490mm	595×440×515mm	595×440×515mm	590×390×547mm
Package Dimensions	530×330×560mm	530×330×560mm	560×346×546mm	650×495×605mm	650×495×605mm	650×440×605mm
Net Weight	18(19.5)kg	18.5(19.5)kg	21kg	37(38.5)kg	37(38.5)kg	39kg

Digital Silent Inverter Generator

PRODUCT INTRODUCTION

Small Size & Light Weight
Low Noise
Powerful Engine
Parallel Function
Portable Handle

technical parameter

Model	KN1200	KN2000	KN2800	KN4000
Rated Power	1kW	1.8kW	2.3kW	3.5kW
Max. Power	1.2kW	2kW	2.5kW	4kW
Power Factor	1.0	1.0	1.0	1.0
Rated Frequency	50Hz	50Hz	50Hz	50Hz
Rated Voltage	230V	230V	230V	230V
Rated Current	14A	14A	14A	15A
DC Output	12V/8A	12V/8A	12V/8A	12V/8A
Starting System	Recoil	Electric	Recoil	Electric
Engine Model	144F	148F	148F	170F-2
Dispacement	53cc	79cc	79cc	223cc
Engine Speed	3600rpm	3600rpm	3600rpm	3600rpm
Type	Single Cylinder, 4 Strokes, Air-cooling			
Ignition System	Transistor Electronic Ignition			
Fuel Type	Unleaded Gasoline			
Fuel Tank Capacity	2.1L	4.2L	4.2L	17L
Lube Oil Capacity	0.25L	0.4L	0.4L	0.6L
N.W.	14kg	20kg	22kg	48kg
Dimentions (mm)	450*240*380	510*280*455	510*280*455	590*440*510

Inverter DC Power Station

PRODUCT INTRODUCTION

Small Size & Light Weight
Low Noise
Powerful Engine
Parallel Function
Portable Handle

technical parameter

Model	T1200	T2500	T3000
Rated AC Output	1000W	1800W	2000W
Max. AC Output	1200W	2000W	2200W
Voltage Type	DC		
Rated Voltage	24-72V		
Engine Model	144F	148F	152F
Displacement	53cc	79cc	98cc
Fuel Tank Capacity	2.1L	4.2L	4.2L
Lube Oil Capacity	0.25L	0.4L	0.4L
Continuous Operating Hours (75% load)	4 hours	5 hours	4.5 hours
Engine Type	Single Cylinder / 4-stroke / Overhead Camshaft / Gasoline Engine		
Fuel Type	Unleaded Gasoline for Vehicles		
Ignition System	TCI		
Starting System	Recoil/Electric/Remote Start		
Noise Level (Rated Power)	54-58dBA/7m	61dBA/7m	63dBA/7m
Dimentions (mm)	450*240*380	510*280*455	510*280*455
N.W.	14kg	20kg	20.5kg
G.W.	17kg	22.5kg	23kg

Silent Gasoline Generator

PRODUCT INTRODUCTION

Super silent
Multifunctional load
Convenient move
Large fuel tank, suitable for long-time operation

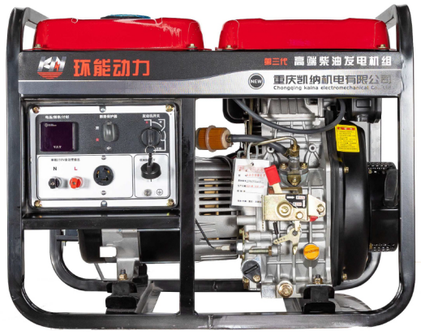
technical parameter

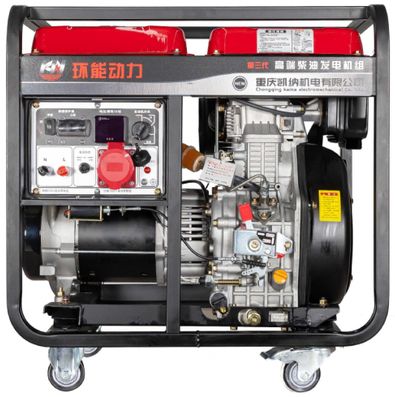
Model	KN7000S-B	KN8000S-B	KN9000S-B	KN9000SDE-B	KN13000SDE-B	KN13000SDE-B
Rated Power	5kW	6kW	7kW	7kW	10kW	10kW
Max. Power	5.5kW	6.5kW	7.5kW	7.5kW	11kW	11kW
Frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
AC Voltage	230V	230V	230V	230/400V	230V	230/400V
Phase	Single	Single	Single	Three	Single	Three
Fuel Capacity (L)	25	25	25	25	25	25
Operation Hours (h)	12	12	12	12	12	12
Engine Model	CP190F	CP192F	CP460	CP460	CP690	CP690
Oil Capacity (L)	1.1	1.1	1.1	1.1	1.65	1.65
Displacement (cc)	420cc	439cc	460cc	460cc	690cc	690cc
Cylinder Bore (mm)	90*66	92*69	92*69	92*69	2-78*71	2-78*71
Start System	Electric	Electric	Electric	Electric	Electric	Electric
Noise (dB@7m)	75-80	75-80	75-80	75-80	75-80	75-80
Package Size (mm)	1020*555*785	1020*555*785	1020*555*785	1020*555*785	1217*650*933	1217*650*933
N.W / G.W (kg)	125/146	127/148	131/151	132/152	236/283	238/285
Loading Q'ty (20GP / 40HQ)	40/84	40/84	40/84	40/84	26/54	26/54

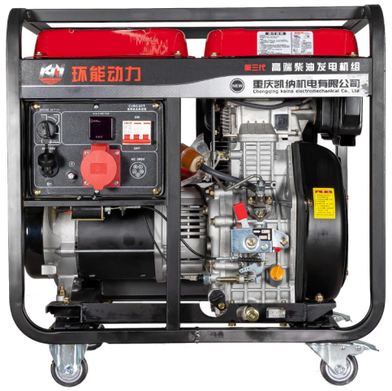
Open Frame Diesel Generator (Regular)

PRODUCT INTRODUCTION

Super silent
Multifunctional load
Convenient move
Large fuel tank, suitable for long-time operation







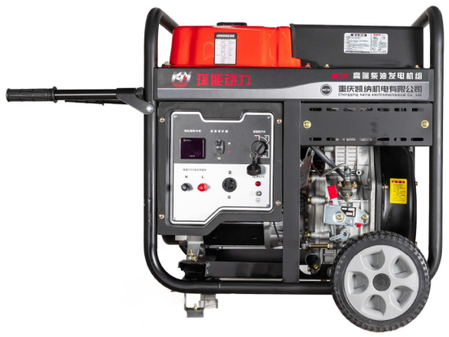
technical parameter

Model		HN3800R	HN6500R	HN8000R	HN10000R	HN12000R
Generator	Rated Power	3kW	5kW	6kW	7.5kW	8kW
	Max. Power	3.5kW	5.5kW	6.5kW	8kW	9kW
	Rated Voltage	220V	220V	220V	220V	220V/380V
	Insulation Grade	F				
	Rated Frequency	50Hz				
	Excitation Method	AVR				
Engine	Engine Model	178FE	188FE	188FE	192FE	195FE
	Bore*Stroke	78*62mm	88*75mm	88*75mm	92*75mm	95*75mm
	Displacement	233cc	420cc	420cc	499cc	520cc
	Engine Fuel Consumption	0.7-1L/h	2L/h	2L/h	2.3L/h	2.5L/h
	Lube Oil Capacity	1.1L	1.5L	1.5L	1.7L	1.7L
	Starting System	Recoil / Electric	Electric	Electric	Electric	Electric
	Ignition Method	Compression Ignition				
	Engine Type	Vertical, Single Cylinder, 4-stroke, Air-cooled, Direct Injection				
	Fuel Type	Diesel: 0#(Summer)-10#(Winter)-35#(Severe Cold)				
	Control Panel	Digital Display				
	Fuel Indicator	Yes				
	Lube Oil Protector	Yes				
Ancillary Configuration	Caster Accessories	Standard	Standard	Standard	Standard	Standard
	Fuel Capacity	12.5L	12.5L	12.5L	12.5L	12.5L
Other	Noise	70dBA/7m	80dBA/7m	80dBA/7m	80dBA/7m	80dBA/7m
	Continuous Running Time	8h	8h	8h	8h	8h
	Dimensions	680*460*550mm	700*480*735	700*480*735	700*480*735	700*480*735
	Package Size	690*480*570mm	720*505*660	720*505*660	720*505*660	720*505*660
	Packing	Carton	Carton	Carton	Carton	Carton
	N.W.	70kg	102kg	105kg	110kg	115kg

Open Frame Diesel Generator (Luxury)

PRODUCT INTRODUCTION

Super silent
Multifunctional load
Convenient move
Large fuel tank, suitable for long-time operation



technical parameter

Model		HN6500L	HN8000L	HN10000L	HN12000L	HN13000L
Generator	Rated Power	5kW	6kW	7.5kW	8kW	9.0kW
	Max. Power	5.5kW	6.5kW	8kW	9kW	10.0kW
	Rated Voltage	220V	220V	220V	220V/380V	220V/380V
	Excitation Method	AVR				
	Insulation Grade	F				
	Rated Frequency	50Hz				
Engine	Engine Type	188FE	188FE	192FE	195FE	1100FE
	Bore*Stroke	88*75mm	88*75mm	92*75mm	95*75mm	100*75mm
	Displacement	420cc	420cc	499cc	520cc	535cc
	Engine Fuel Consumption	2L/h	2L/h	2.3L/h	2.5L/h	2.5L/h
	Lobe Oil Capacity	1.5L	1.5L	1.7L	1.7L	1.8L
	Ignition Method	Compression Ignition				
	Engine Type	Vertical, Single Cylinder, 4-stroke, Air-cooled, Direct Injection				
	Fuel Type	Diesel：0#(Summer)-10#(Winter)-35#(Severe Cold)				
	Starting System	Electric				
	Control Panel	Digital Display				
	Fuel Indicator	Yes				
	Lube Oil Protector	Yes				
Ancillary Configuration	Caster Accessories	Standard				
	Fuel Capacity	20L				
Other	Noise	80dBA/7m	80dBA/7m	80dBA/7m	80dBA/7m	80dBA/7m
	Continuous Running Time	8h	8h	8h	8h	8h
	Dimensions	710*560*765mm	710*560*765mm	710*560*765mm	710*560*765mm	710*560*765mm
	Package Size	770*770*725mm	770*770*725mm	770*770*725mm	770*770*725mm	770*770*725mm
	Packing	Carton	Carton	Carton	Carton	Carton
	N.W.	108kg	110kg	115kg	120kg	140kg

Silent Type Diesel Generator

PRODUCT INTRODUCTION

technical parameter

Model	KN6500T	KN6500T3	KN6500T3D	KN10000T	KN10000T3	KN10000T3D	KN12000T	KN12000T3	KN12000T3D	KN13000T	KN13000T3	KN13000T3D
Phase	Single	Three	Single / Three	Single	Three	Single / Three	Single	Three	Single / Three	Single	Three	Single / Three
Rated Power	5.0kW			6kW			8kW			9kW		
Max. Power	5.5kW			7kW			9kW			10kW		
Rated Output Current	22A			30A			32A			35A		
Frequency	50/60Hz											
DC Output	12V/8.3A											
Excitation Method	Brushed Self-excitation											
Power Factor (Φ)	1.0(0.8)											
Insulation Grade	F											
Engine Type	Single Cylinder, 4-stroke, Air-cooled, Vertical											
Starting System	Electric											
Fuel Tank Capacity	12.5L			12.5L			12.5L			25L		
Lube Oil Capacity	1.65L			1.65L			1.65L			2L		
Engine Model	YP186FAGE			YP192FAGE			YP195FAGE			YP1100FGE		
Displacement	418cc			499cc			532cc			667cc		
Bore*Stroke	86*72mm			92*75mm			92*75mm			1-100*85mm		
Fuel Consumption	⩽275g/kwh, ⩽280g/kwh			⩽280g/kwh, ⩽290g/kwh			⩽280g/kwh, ⩽290g/kwh			⩽285g/kwh, ⩽295g/kwh		
Compression Ratio	19.5:1											
Speed	3000/3600rpm											
Fuel Type	Diesel: 0#(Summer), -10#(Winter)											
Lube Oil Capacity	SAE10W30 (Above CD)											
Optional Configuration	ATS, Remote Control, Smart Digital Display Panel											
Dimensions	910*525*680mm			910*525*780mm			910*525*780mm			1140*670*770mm		
Package Size	940*540*805mm			940*540*900mm			940*540*900mm			1220*795*1000mm		
N.W.	145.2kg			160kg			160kg			175kg		
G.W.	152kg			167kg			167kg			185kg		

Silent Type Diesel Generator

PRODUCT INTRODUCTION

technical parameter

Model	YP12STA	YP12STA3	YP12STA3D	YP16000T	YP16000T3	YP16000T3D
Phase	Single	Three	Single / Three	Single	Three	Single / Three
Rated Power	10kW			12kW		
Max. Power	11kW			13kW		
Rated Current	41.3A			47.8A		
Frequency	50/60Hz					
DC Output	12V/8.3A					
Excitation Method	Brushed Self-excitation					
Power Factor (Φ)	1.0(0.8)					
Insulation Grade	F					
Fuel Tank Capacity	25L			26L		
Engine Model	2V80			292		
Engine Type	2-cylinder, V-shaped, 4-stroke, Water-cooled			2-cylinder, Vertical, 4-stroke, Air-cooled		
Bore*Stroke	2-80*79mm			2-92*75mm		
Displacement	794cc			997cc		
Compression Ratio	23:1			19:1		
Power	13kW			15kW		
Lube Oil Capacity	2.2L			2.75L		
Starting System	Electric					
Speed	3000/3600rpm					
Fuel Consumption	≤290g/kwh, ≤297g/kwh					
Fuel Type	Diesel: 0#(Summer), -10#(Winter)					
Lube Oil Capacity	SAE10W30 (Above CD)					
Optional Configuration	ATS, Remote Control, Smart Digital Display Panel					
Dimensions	1400*650*820mm			1250*650*760mm		
Package Size	1500*750*920mm			1300*700*880mm		
N.W.	310kg			300kg		
G.W.	330kg			320kg		

Inverter Gasoline Generator Welding Machine

PRODUCT INTRODUCTION

technical parameter

Model		HN6000KI-GW230
Generator	Rated Power	4.5kW
	Max. Power	5kW
	Excitation Method	AVR
	Rated Voltage	220V
	Max. Current	19.6A
	Rated Frequency	50Hz
	Phase	Single Phase
	Power Factor (cosΦ)	1
	Insulation Grade	F
Engine	Engine Model	172F
	Bore*Stroke	72*55mm
	Displacement	212cc
	Fuel Loss Rate	≤135g/kW.h
	Ignition Method	Transistor Non-contact Ignition
	Engine Type	Single Cylinder, 4-stroke, Forced Air Cooling
	Fuel Type	≥90# Unleaded Gasoline
	Lube Oil Capacity	0.6L
	Starting System	Recoil
	Welding Machine Method	Hand Arc Welding
	No-load Voltage VDC	70V
Welding Parameters	Electrode Diameter	2.0-4.0mm
	Current Regulation Range	20-230A
	Rated Voltage VDC	22-28V
	Load Persistence Rate	>60%
Ancillary Configuration	Fuel Capacity	15L
	Oil Alert	Oil Alert Protection
	Fuel Indicator	Yes
	Control Panel	Digital Display
Other	Noise	75dBA/7m
	Continuous Running Time	8h
	Dimensions	500*425*530mm
	Packing	Hard Carton
	N.W.	37kg

Diesel Generator Welding Machine

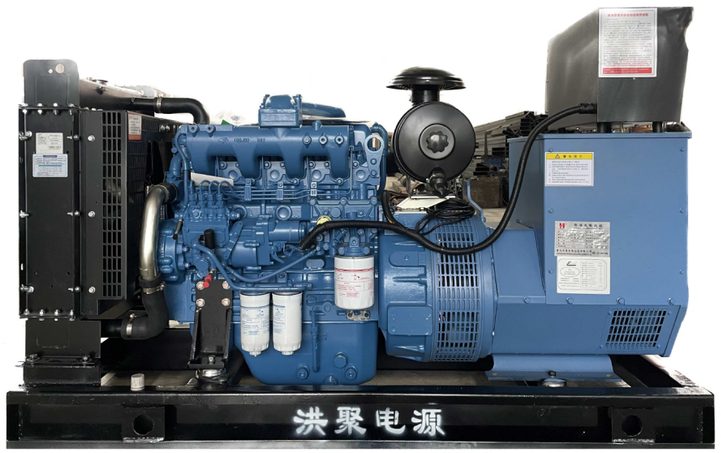
technical parameter

Model		KN-160A（Recoil)	KN-160A（Electric)	KN-210A	KN-250A
Welding Machine	Max. Welding Current	140A	140A	210A	250A
	Current Regulation Range	/	/	50-210A	70-250A
	No-load Voltage	70-75V	70-75V	70-75V	70-75V
	Operating Voltage	22-28V	22-28V	22-30V	22-30V
	Welding Method	Hand Arc Welding	Hand Arc Welding	Hand Arc Welding / Argon Arc Welding	Hand Arc Welding / Argon Arc Welding
	Load Persistence Rate	60%	60%	60%	60%
	Electrode Range (Φ)	2.5-3.2	2.5-3.2	1.6-4.0	2.0-6.0
Auxiliary Power Supply	Output Voltage	120V/220V/240V	120V/220V/240V	120V/220V/240V	120V/220V/240V
	Output Current	16A/9A/8A	16A/9A/8A	16A/9A/8A	16A/9A/8A
	Output Power	DC2kW / AC16kW / AC3kW	DC2kW / AC16kW / AC3kW	DC2kW / AC3kW / AC5kW	DC2kW / AC3kW / AC5kW
	Working Status	Continuous	Continuous	Continuous	Continuous
Engine	Engine Model	178F	178F	192F	195F
	Fuel Capacity	3.5L	3.5L	12.5L	12.5L
	Lube Oil Capacity	1.1L	1.1L	1.65L	1.65L
	Fuel Type	Lightweight Diesel (0#)	Lightweight Diesel (0#)	Lightweight Diesel (0#)	Lightweight Diesel (0#)
	Lube Oil Type	SAE10W30	SAE10W30	SAE10W30	SAE10W30
	Engine Power	5.5HP	5.5HP	11.7HP	12.5HP
	Displacement	296cc	296cc	499cc	531cc
	Ignition Method	Compression Ignition	Compression Ignition	Compression Ignition	Compression Ignition
	Starting System	Recoil	Electric	Electric	Electric
Packing	N.W.	48kg	52kg	108.5kg	113.5kg
	G.W.	50.5kg	54.5kg	112kg	117kg
	Package Size	570*490*560mm	570*490*560mm	730*530*640mm	730*530*640mm

High Power Diesel Genset

PRODUCT INTRODUCTION

AC Generator	Insulation Grade: H
	Protection Level: IP22、IP23 (Marine IP44&IP54)
	Power Factor (Φ): 0.8 (Three Phase) / 1.0 (Single Phase)
	Bearing: Single Bearing
Control System	Genset Type: Open Frame Type, Silent Type, Trailer Type, Container Type, Vehicle Type



technical parameter

Genset Model	Main Genset Power	Auxiliary Genset Power	Diesel Generator Model	Diesel Generator Power (kW)	Cylinder(s)	Bore (mm)	Stroke (mm)	Displacement	Fuel Consumption (g/kW·h)	Lube Oil Capacity (L)	Dimensions (mm)	N.W. (kg)
KN-30Y	30	24	2115ZD	33/30	2	115	120	3.493	≤197	11~13	1500*600*1300	650
KN-44Y	44	40	4D60-D21	44/40	4	108	115	4.214	≤205	11~13	1850*760*1400	950
KN-50Y	60	50	4D85Z-D20	55/60.5	4	108	115	4.214	≤200	11~13	1880*760*1400	980
KN-60Y	70	60	4D85Z-D20	73.5/70	4	108	125	6.871	≤200	14~17	1950*800*1400	1020
KN-70Y	70	60	6B100-D20	73.5/70	6	108	125	6.871	≤200	14~17	2250*820*1560	1150
KN-80Y	80	75	6B135Z-D20	99/90	6	108	125	6.871	≤195	14~17	2300*820*1560	1250
KN-110Y	110	100	6B155L-D21	103/113	6	108	125	6.871	≤195	14~17	2350*820*1560	1350
KN-130Y	130	120	6B180L-D20	120/132	6	108	125	6.871	≤195	14~17	2400*820*1560	1450
KN-145Y	145	120	6A200L-D20	132/145	6	108	132	7.252	≤192	20~22	2650*850*1650	1500
KN-160Y	160	150	6A230L-D20	155/170.5	6	108	132	7.252	≤192	20~22	2650*850*1650	1500
KN-180Y	180	160	6G245L-D20	165/181.5	6	112	132	7.8	≤195	22~25	2750*900*1650	1600
KN-250Y	250	200	6M350L-D20	235/258.5	6	123	145	10.338	≤195	32	2950*1050*1700	2230
KN-300Y	300	250	6MK420L-D20	281/309	6	123	145	10.338	≤195	32	3050*1050*1750	2350
KN-350Y	350	300	6MJ480L-D20	321/352	6	123	145	11.72	≤195	32	3100*1050*1750	2680
KN-400Y	400	350	6T550L-D21	368/405	6	145	165	16.35	≤195	52	3650*1200*1850	3320
KN-440Y	440	400	6T600L-D22	401/441	6	145	165	16.35	≤195	52	3650*1200*1850	3420
KN-450Y	450	400	6T660L-D20	441/485	6	145	165	16.35	≤195	52	3650*1200*1850	3420
KN-500Y	500	450	6T700L-D20	468/515	6	145	165	16.35	≤195	52	3650*1200*1850	3480
KN-550Y	550	500	6TD780L-D20	520/572	6	145	165	16.35	≤195	52	3700*1200*1850	3560
KN-600Y	600	550	6TD840L-D20	560/616	6	145	165	16.35	≤195	52	3700*1200*1850	3580
KN-700Y	700	600	6C1020L-D20	680/748	6	200	210	39.58	≤195	180	4500*1750*2650	7200
KN-750Y	750	700	6C1070L-D20	715/787	6	200	210	39.58	≤195	180	4500*1750*2650	7300
KN-800Y	800	750	6C1220L-D20	815/897	6	200	210	39.58	≤195	180	4500*1750*2650	7300
KN-900Y	900	800	6C1320L-D20	880/968	6	200	210	39.58	≤195	180	4500*1750*2650	7400
KN-1000Y	1000	900	6L240ZD-D	1100/1000	6	200	210	39.58	≤195	210	4000*1750*2650	7800
KN-1800Y	1800	1600	12V240ZD-D	2000/1800	12	200	210	79.13	≤195	280	5800*2250*2860	11000
KN-2200Y	2200	2000	12V240ZD-D	2200/2000	12	200	210	79.13	≤195	280	5800*2250*2860	11500

High Power Low Noise Diesel Genset

Gasoline Engine

PRODUCT INTRODUCTION

Overhead valve design [OHV]
Easy and fast starting smooth operation and low vibration

Advanced design combustion chamber provide exceptional fuel efficiency and consistent power
Strong power, durable and reliable
Unique design of anti vibration and lowrunning temperature prolongs the engine life
Different types of P.T.O shafts meet various demands

technical parameter

Model	152F/P	154F/P	168FA/P	168FB/P	170F/P	173F/P	177F/P	182FA/P	188F/P	190F/P
Type	Single Cylinder, 4 Stroke, Forced Air Cooling									
Ignition Mode	Contactless Transistor Electronic Ignition									
Starting System	Recoil									
Fuel Consumption	≤450g/kW·h	≤420g/kW·h	≤395g/kW·h	≤395g/kW·h	≤374g/kW·h	≤374g/kW·h	≤374g/kW·h	≤374g/kW·h	≤374g/kW·h	≤374g/kW·h
Bore*Stroke	52*46mm	54*38mm	68*45mm	68*45mm	70*45mm	73*58mm	77*58mm	82*64mm	88*64mm	90*66mm
Piston Displacement	98cc	87cc	163cc	196cc	215cc	242cc	270cc	338cc	389cc	420cc
Max. Power / Speed (kW/rpm)	1.15/3600	1.15/3600	3.2/3600	3.8/3600	4.0/3600	4.2/3600	4.6/3600	6.1/3600	7.2/3600	8.1/3600
Max. Torgue (N·m/rpm)	2.5/2600	3.0/2600	8.8/2600	10.2/2600	12/2600	13/2600	14/2600	19/2500	21/2500	23/2500
N.W.	8.8kg	10kg	18kg	18kg	18kg	25kg	25kg	31kg	31kg	32kg
Dimensions (mm)	280*270*345	280*270*345	350*315*335	350*315*335	350*315*335	495*430*505	495*430*505	495*430*505	495*430*505	495*430*505

Diesel Engine

PRODUCT INTRODUCTION

Unique Transmission Technology
The second generation of small air-cooled diesel engine has a well-designed gear transmission mechanism, greatly reducing vibration and noise, and its performance is superior to that of similar oil extraction engines.

Perfect Injection Technology
The self-developed light fuel injection system can ensure that every drop of your fuel can play the maximum effect. High precision injection pump and direct injection system make the fuel consumption rate reach the best level. A good intake system enables the fuel to be fully burned and the engine emissions to fully meet international standards.

Firm Machine Building
The perfect design structure and reasonable material selection create a high-quality HN series air-cooled diesel engine. The design concept of HN series diesel engine can be proved by its solid and light structure, high strength crankshaft components and simple shape structure.

Advanced Noise Reduction Design
The high efficiency muffler with unique structure significantly reduces the exhaust noise. The large air filter reduces the intake noise to a minimum. High strength cylinder block and cylinder head cover, reasonable intake and exhaust valve timing structure further reduce the engine body noise.

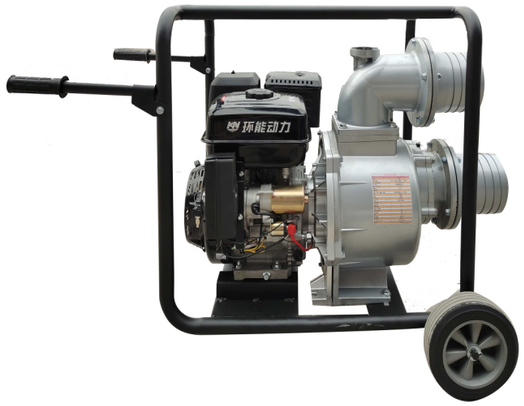
technical parameter

Model	HN173FB	HN178F	HN186FA	HN188FA	HN192F	HN195F
Type	Single-cylinder / Vertical / 4-stroke / Air-cooled / Direct injection					
Combustion System	Direct Injection					
Bore*Stroke	73*59mm	78*62mm	86*72mm	88*75mm	92*75mm	95*75mm
Displacement	247cc	296cc	418cc	456cc	499cc	532cc
Compression Ratio	20:1	20:1	19:01	20:1	19:1	19:1
Rated Power / Speed (kW/rpm)	3.2/3000, 3.6/3600	3.7/3000, 4.0/3600	5.8/3000, 6.6/3600	6.6/3000, 7.5/3600	7.5/3000, 8.2/3600	8.5/3000, 9.2/3600
Max. Power / Speed (HP/rpm)	4.3/3000, 4.8/3600	5.0/3000, 5.5/3600	7.9/3000, 9.0/3600	9.0/3000, 10.2/3600	10.2/3000, 11.2/3600	10.2/3000, 11.2/3600
Rated Speed	3000/3600rpm					
Starting System	Recoil (F) / Electric (E)					
Fuel Capacity	2.5L	3.5L	5.5L	5.5L	5.5L	5.5L
Lubrication Capacity	0.75L	1.1L	1.65L	1.65L	1.65L	1.65L
Fuel Consumption	≤1.2L/H	≤1.41L/H	≤2.15L/H	≤2L/H	≤2L/H	≤2L/H
Fuel Type	Diesel: 0# (Summer), -10# (Winter)					
Lubrication Type	SAE10W/30 (Above CD Level)					
Dimensions	332*376*415mm	385*420*450mm	420*440*495mm	420*440*495mm	420*440*495mm	420*440*495mm
N.W. (Recoil / Electric)	28kg/32kg	33kg/38kg	47kg/53kg	48kg/53kg	50kg/55kg	50kg/55kg

Gasoline Pump

technical parameter

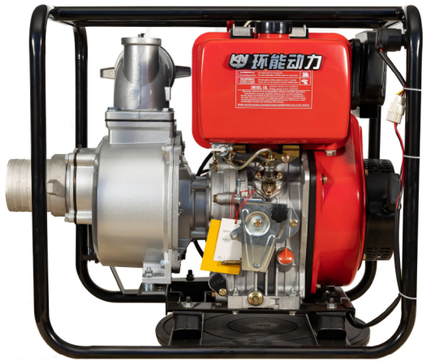
Model	QGZ50-30	QGZ80-30	QGZ100-30	KN50HP-50	KN50HP-80
Engine	168F	168F	177F	170F	170F
Gasoline engine type	SINGLE CYLINDER, FOUR STROKE, FORCED AIR VALVE, OVERHEAD VALVE				
Maximum power output power	7.5/3600HP/RPM	7.5/3600HP/RPM	15.0/3600HP/RPM	7.5/3600HP/RPM	7.5/3600HP/RPM
Ignition system	TRANSISTOR MAGNET IGNITION				
Bore diameter × stroke (mm)	70×69MM	70×69MM	88×69MM	70×69MM	70×69MM
Displacement (mL)	215CM3	215CM3	420CM3	215CM3	215CM3
Oil volume L	0.6	0.6	1.1	0.6	0.6
Rack	THE RACK CAN BE MADE OF DIAMETER 25/28/32 SERIES				
Impeller	CAST IRON				
Bearing	STAINLESS STEEL				
Pump housing material	CAST IRON				
Starting method	MANUAL START/ELECTRIC START				
Power factor	1				
Insulation class	F				
Fuel tank volume L	6L				
Inlet and outlet diameter	50MM	80MM	100MM	50MM	50MM
Max lift	20M	25M	45M	40M	80M
Suction lift	6M	6M	6M	6M	6M
Maximum flow	40 CUBIC	55 CUBIC METERS	80 CUBIC	22 CUBIC	25 CUBIC METERS
Shell material	ALUMINUM ALLOY	ALUMINUM ALLOY	ALUMINUM ALLOY	ALUMINUM ALLOY	ALUMINUM ALLOY
L×W×H (mm)	490*400*410	490*400*410	570*430*500	490*400*410	490*400*410
N.w.	25KG	30KG	40KG	30KG	32KG

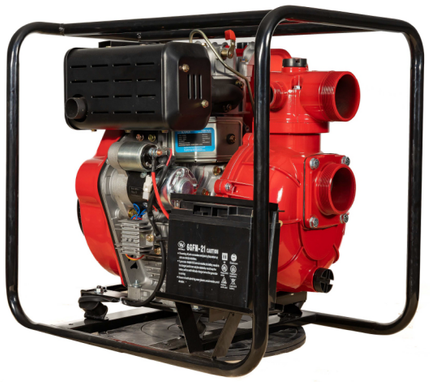


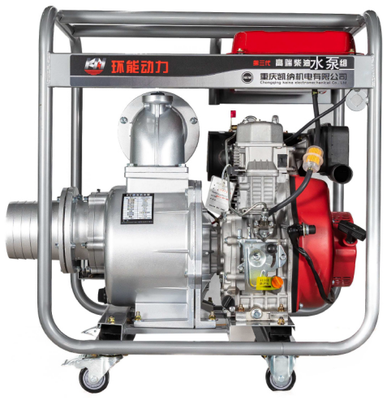
Diesel Pump

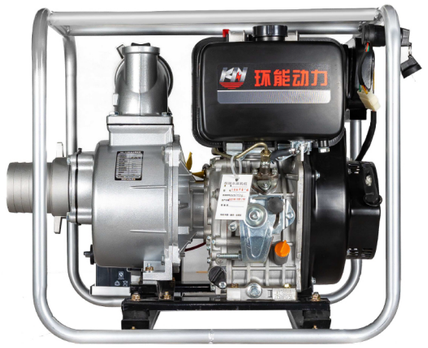
technical parameter

Model	CGZ50-15	CGZ80-17	CGZ80-20	CGZ100-30	CGZ100-20	KND50CT	KND80CT
Inlet & Outlet Diameter	50mm	80mm	80mm	100mm	100mm	80mm	80mm
Max. Head	15m	17m	20m	30m	20m	70m	100m
Max. Output Power	3.1kW/3600rpm	4kW/3600rpm	5kW/3600rpm	9kW/3600rpm	9kW/3600rpm	5kW/3600rpm	9kW/3600rpm
Engine Model	168FE	173FE	178FE	188FE	192FE	178F	KN188F
Bore*Stroke	68*55mm	73*62mm	78*62mm	88*72mm	92*75mm	78*62mm	88*72mm
Displacement	235cc	255cc	296cc	420cc	499cc	296cc	420cc
Max. Flow	22m³/h	35m³/h	40m³/h	80m³/h	180m³/h	36m³/h	80m³/h
Suction Range	8m	8m	8m	8m	8m	8m	8m
Gasoline Engine Type	Single Cylinder, Vertical, Forced Damper, Direct Injection						
Fuel Type	Diesel：0#(Summer) - 10#(Winter) - 35#(Severe Cold)						
Starting System	Recoil / Electric						
Continuous Running Time	2.5h						
Shell Material	Aluminum Alloy						
Lube Oil Capacity	1.1L	1.1L	1.1L	1.6L	1.75L	1.1L	1.6L
Fuel Tank Capacity	0.75L	3.5L	3.5L	6L	6L	3.5L	6L
Dimensions	490*410*520mm	640*480*605mm	640*480*605mm	640*480*605mm	780*560*905mm	580*570*670mm	650*500*720mm
N.W.	30kg	40kg	45kg	65kg	115kg	45kg	75kg









High Pressure Cleaner

technical parameter

Model	HN-2200	HN-2400	HN-2500	HN-3000	HN-3700	HN-4000	HN-5500	HN-7500	HN-9500
Power	2.2kW	2.4kW	2.5kW	3.0kW	3.7kW	4.0kW	5.5kW	7.5kW	10kW
Pressure	10MPa	13MPa	13MPa	15MPa	18MPa	22MPa	25MPa	28MPa	32MPa
Flow	10L/min	13L/min	13L/min	15L/min	18L/min	18L/min	16L/min	16L/min	16L/min
Voltage	220V	220V	220V	220V	220V	380V	380V	380V	380V
Motor Speed	2800r/min	2800r/min	1450r/min	1450r/min	1450r/min	1450r/min	1450r/min	1450r/min	1450r/min
Noise	60dB-90dB	60dB-90dB	60dB	60dB	60dB	60dB	60dB	60dB	60dB
Drive System	Crankshaft Drive								
Motor Core Material	Pure Copper								
Pump Material	Brass								
Water Intake Type	Faucet / Self-priming								
Motor Cooling Method	Air-cooled								
Motor Type	Induction Motor								
Leakage Protection	Yes								
Pump Type	Crankshaft Pump								
Style	Cart Type								
Outlet Pipe Material	Single Layer Steel Wire Pipe						Double Layer Steel Wire Pipe		
Outlet Pipe Length	6*9m	6*9m	8*9m	8*9m	8*9m	8*9m	8*9m	8*9m	8*9m
Dimensions	450*600*580mm	450*600*580mm	770*370*470mm	770*370*470mm	770*370*470mm	770*420*510mm	900*480*570mm	900*480*570mm	900*480*570mm

Portable Power Station

250-300W

500-600W

500W

700W-Silver

700W-Black

800W

250-300W

1500W

2400W