

PROVIDE QUALITY
AND USER FRIENDLY
TOTAL POWER
SOLUTION

Portable Generating Set

/ Single Cylinder Genset

/ DAVR Series Genset

/ V-twin water-cooled Genset

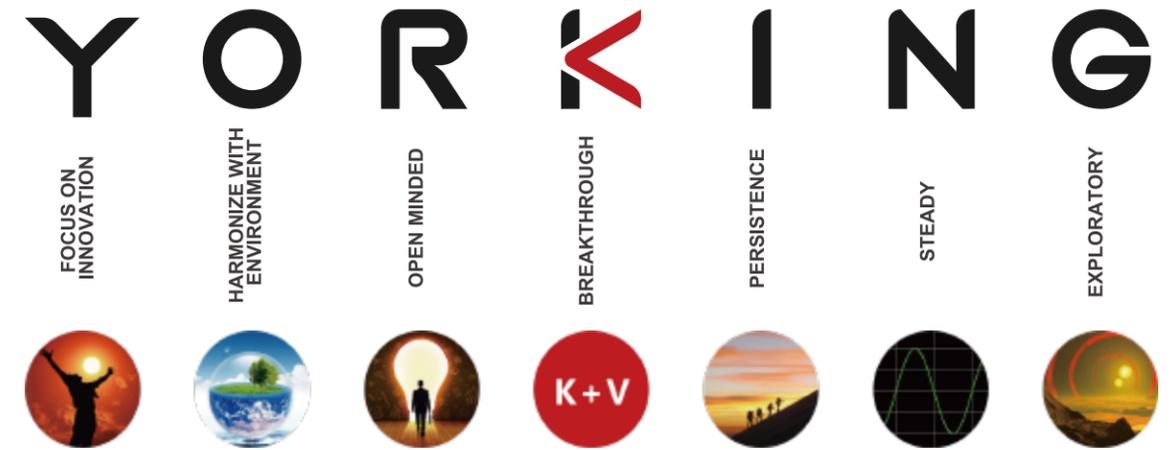
/ V-twin Air-cooled Genset

/ Gasoline Inverter Genset





YORKING CORPORATE CULTURE



About YORKING

Yorking is specialized in the development and production of generator set, mobile light tower and water pump etc power equipment. We persist in technology innovation and product improvement to achieve sustainable development, focus on providing high quality customized power solutions.

Yorking has the wide product line. Diesel generator set range is from 2KVA to 2000KVA, while the configuration will vary with the actual demands of customers. Yorking' s gas generator range is from 10KVA to 500KVA. The gas generator can run with many kinds of gas, such as natural gas, biogas, landfill gas. Yorking portable generators feature excellent performance and lightweight structure, suitable for a variety of emergency power supply. Yorking light tower features strong illumination and easy operation. Yorking water pump includes self-priming and sewage pump two lines with portable and trailer two kinds of structures. Yorking provides one-stop power sourcing service to customers. From product design to after-sales service, Yorking always make customer peace of mind with professional skills and consideration of customer's concerning and demand.

Yorking performs strict quality control. ISO standards are conducted in every stage from product design to production or final testing. Our goal is to delivery zero defect products to customers.

ONE-STOP POWER SOURCING SERVICE

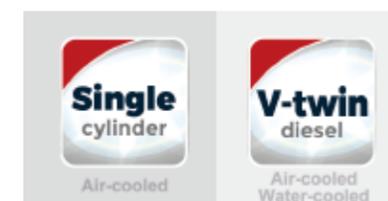


PORTABLE GENERATING SET



Yorking Portable Diesel Generating Set
Series 2kVA-15kVA

Features and Benefits:



Reliable and cost-effective power

- The genset is powered by single cylinder air-cooled four stroke diesel ,V-twin air-cooled diesel or V-twin water cooled diesel.
- The engine features compact structure, high reliability and durability.
- Superior low fuel consumption, low noise and low vibration.



Super silent running

- Unique design of the canopy and quality engine ensures super silent running to give you a comfortable running environment.



Strong starting ability

- Yorking provide optional advanced AVR and alternator to achieve strong starting performance, so the genset will easily start air conditioner and pump etc equipment.



Easy maintenance and operation

- It's easy to access the filters and other parts.
- The fuel gauge and low oil alarm system make the running safe.
- Optional digital control panel indicates the real time running data of genset.
- The optional output terminals for some special application.



Lightweight and compact structure easy for handling

- The wheels and handles are easier for handling.



Wide power range meets all of your backup power demand

- Yorking portable generator ranges from 2kVA to 15kVA, which is widely applied for many equipment or appliances.

Single Cylinder Generating Set

Features and Benefits:

Reliable and cost-effective power:

- The genset is powered by single cylinder air-cooled four stroke diesel.
- The engine features compact structure, high reliability and durability.
- Superior low fuel consumption, low noise and low vibration.

Super silent running:

- Unique design of the canopy and quality engine ensures super silent running to give you a comfortable running environment.

Lightweight and compact structure easy for handling:

- The wheels and handle ring are easier for handling.

Easy maintenance and operation:

- Optional ATS connector.
- Optional digital control panel indicates the real time running data of genset and also provide reliable protection.
- Both output terminals and receptacles provide users more choices.

Strong starting ability:

- Yorking provide optional advanced AVR and alternator to achieve strong starting performance, so the genset will easily start air conditioner and pump etc equipment.



	Model	YDE2800X/E		YDE3800X/E		YDE6500X/E YDE6500T YDE6700T/YDE6700TA		YDE6500X3/E3 YDE6500T3 YDE6700T3/YDE6700TA3		YDE7500X/E YDE7500T/YDE7500TA		YDE7500X3/E3 YDE7500T3/YDE7500TA3		YDE8500X/E YDE8500T/YDE8500TA		YDE8500X3/E3 YDE8500T3/YDE8500TA3	
		50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
Generating Set	Rated frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
	Rated power (kVA)	2.5	2.8	3	3.3	4.5	5	5.5	6.3	5	5.5	3	3.3	4.5	5	5.5	6.3
	Rated voltage (V)	115/230	240/120	115/230	240/120	115/230	240/120	400/230	416/240	115/230	240/120	115/230	240/120	115/230	240/120	400/230	416/240
	Rated current (A)	21.7/10.8	11.7/23.3	26.08/13.04	13.75/27.5	39.2/19.6	20.8/41.7	7.9	8.7	43.47/21.74	22.9/45.83	26.08/13.04	13.75/27.5	39.2/19.6	20.8/41.7	7.9	8.7
	Phase No.	Single phase		Single phase		Single phase		Three phase		Single phase		Single phase		Single phase		Three phase	
	Power factor (cosΦ)	1		1		1		0.8 (Lag)		1		1		1		0.8 (Lag)	
	Rated revolution speed (r/min)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
	Excitation mode	Controlled silicon self excitation constant voltage		Controlled silicon self excitation constant voltage		Controlled silicon self excitation constant voltage		Controlled silicon self excitation constant voltage		Controlled silicon self excitation constant voltage		Controlled silicon self excitation constant voltage		Controlled silicon self excitation constant voltage		Controlled silicon self excitation constant voltage	
	DC output	12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A	
	Coupling method	Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection	
Engine Data	Model	YD173FA		YD178FA		YD186FAG		YD186FAG		YD188FAG		YD188FAG		YD192FAG		YD192FAG	
	Type	4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine	
	Displacement (L)	211		296		0.418		0.418		0.456		0.456		0.498		0.498	
	Bore x stroke (mm)	73x55		78x62		86*72		86*72		88*75		88*75		92*75		92*75	
	Lube oil capacity (L)	0.75		1.1		1.65		1.65		1.7		1.7		1.7		1.7	
	Rated power (kW)	3.5/3000rpm, 4/3600rpm		4.2/3000rpm, 4.7/3600rpm		3000 r/min: 5.7, 3600 r/min: 6.3		3000 r/min: 5.7, 3600 r/min: 6.3		3000 r/min: 6.7, 3600 r/min: 7.5		3000 r/min: 6.7, 3600 r/min: 7.5		3000 r/min: 7.5, 3600 r/min: 8.2		3000 r/min: 7.5, 3600 r/min: 8.2	
	Fuel type	Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)	
	Lube oil grade	L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40	
General Data	Low oil alarm system	With		With		With		With		With		With		With		With	
	Fuel tank capacity (L)	12		12		open frame:12.5, silent:14.5		open frame:12.5, silent:14.5		open frame:12.5, silent:14.5		open frame:12.5, silent:14.5		open frame:12.5, silent:14.5		open frame:12.5, silent:14.5	
	Overall dimensions (LxWxH)(mm)	655x475x605		X/E: 690x490x650 T: 950x550x743		X/E: 750x510x710 6500T: 910x532x740 6700T: 950x550x743		X/E: 750x510x710 6500T: 910x532x740 6700T: 950x550x743		X/E: 750x510x710 T: 950x550x743		X/E: 750x510x710 T: 950x550x743		X/E: 750x510x710 T: 950x550x743		X/E: 750x510x710 T: 950x550x743	
	Net weight (kg)	51		X/E: 74, T: 132		X/E:91, T:155		X/E:91, T:155		X/E: 106, T:155		X/E: 106, T:155		X/E: 111, T:160		X/E: 111, T:160	
	Noise level dBA/7m	78		78(open frame) 72(silent)		80(open frame) 72(silent)		80(open frame) 72(silent)		80(open frame) 74(silent)		80(open frame) 74(silent)		82(open frame) 74(silent)		82(open frame) 74(silent)	
	Structure mode	Open frame type		X/E:Open frame, T: Silent type		X/E: Open frame type, T: Silent type		X/E: Open frame type, T: Silent type		X/E:Open frame, T: Silent type		X/E:Open frame, T: Silent type		X/E: Open frame type, T: Silent type		X/E: Open frame type, T: Silent type	

DAVR Series Generating Set

Yorking provide optional advanced AVR and alternator to achieve strong starting performance.

Features and Benefits:

In case of resistive load:

Normal AVR Genset	G+R AVR Genset
In case of load is over than 110%, there's black smoke, frequency drop down, engine shut off.	Unit can run at 110%, the engine won't shut off in case of sudden load 150%.

Note: Typical pure resistive load includes: electric cooker, water boiler, electric heater, incandescent light bulb etc.

In case of capacitive load:

Normal AVR Genset	G+R AVR Genset
The voltage will increase sharply and AVR easily damaged.	Stable voltage output.

Note: Typical capacitive load includes: capacitive switch-mode electric appliance such as: TV set, computer, DVD etc.

In case of inductive load:

Normal AVR Genset	G+R AVR Genset
Can start 50%Pn motor type load at zero load.	Can start 80%Pn motor type load at zero load.

Note: Typical inductive load includes: motor, water pump, fan, drill, washing machine, air conditioner, refrigerator, electric fan, fluorescent lamp with inductive ballast, metal halide lamp etc.

Voltage and frequency characteristic:

Normal AVR Genset	G+R AVR Genset
G2	G3



DAVR Series Genset

Model	YDE7000TD		YDE7000TD3		YDE7500TD		YDE7500TD3		YDE8500TD		YDE8500TD3	
Rated frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60
Rated power (kVA)	4.5	5	5.5	6.3	5	5.5	6.3	6.9	6	6.5	7.5	8.2
Rated voltage (V)	115/230	240/120	400/230	416/240	115/230	240/120	400/230	416/240	115/230	240/120	400/230	416/240
Rated current (A)	39.2/19.6	20.8/41.7	7.9	8.7	43.47/21.74	22.9/45.83	9.09	9.57	52.17/26.08	27.08/54.16	10.8	11.38
Phase No.	Single phase		Three phase		Single phase		Three phase		Single phase		Three phase	
Power factor (cosφ)	1		0.8 (Lag)		1		0.8 (Lag)		1		0.8 (Lag)	
Rated revolution speed (r/min)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
Excitation mode	Controlled silicon self excitation constant voltage, DAVR		Controlled silicon self excitation constant voltage, DAVR		Controlled silicon self excitation constant voltage, DAVR		Controlled silicon self-excitation constant voltage, DAVR		Controlled silicon self excitation constant voltage, DAVR		Controlled silicon self excitation constant voltage, DAVR	
DC output	12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A		12V 8.3A	
Coupling method	Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection		Transmission rigid connection	
Model	YD186FAG		YD186FAG		YD188FAG		YD188FAG		YD192FAG		YD192FAG	
Type	4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine		4-stroke, single-cylinder, air-cooled, direct injection diesel engine	
Displacement (L)	0.418		0.418		0.456		0.456		0.498		0.498	
Bore x stroke (mm)	86*72		86*72		88*75		88*75		92*75		92*75	
Lube oil capacity (L)	1.65		1.65		1.7		1.7		1.7		1.7	
Rated power (kW)	3000 r/min: 5.7, 3600 r/min: 6.3		3000 r/min: 5.7, 3600 r/min: 6.3		3000 r/min: 6.7, 3600 r/min: 7.5		3000 r/min: 6.7, 3600 r/min: 7.5		3000 r/min: 7.5, 3600 r/min: 8.2		3000 r/min: 7.5, 3600 r/min: 8.2	
Fuel type	Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)		Diesel 0# (summer) -10# (winter) -35# (chilling)	
Lube oil grade	L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40		L-ECD grade 15W30 15W40	
Low oil alarm system	With		With		With		With		With		With	
Fuel tank capacity (L)	14.5		14.5		14.5		14.5		14.5		14.5	
Overall dimensions(LxWxH)(mm)	950x550x743		950x550x743		950x550x743		950x550x743		950x550x743		950x550x743	
Net weight (kg)	155		155		155		155		160		160	
Noise level dBA/7m	72		72		74		74		74		74	
Structure mode	Silent type		Silent type		Silent type		Silent type		Silent type		Silent type	

Two Cylinder Generating Set

Features and Benefits:

Reliable and cost-effective power:

- The genset is powered by V-twin four stroke diesel.
- The engine features compact structure, high reliability and durability.
- Superior low fuel consumption, low noise and low vibration.

Super silent running:

- Unique design of the canopy and quality engine ensures super silent running to give you a comfortable running environment.

Interchangeable single phase and three phase:

- Single phase and three phase are interchangeable in one unit with same power, which greatly save your cost.

Easy maintenance and operation:

- ATS connector is applied.
- Digital control panel indicates the real time running data of genset and also provide reliable protection.
- Both output terminals and receptacles provide users more choose.
- Emergency stop knob protect user and genset in time.

Lightweight and compact structure easy for handling:

- The wheels and handles are easier for handling.



V-twin Air-cooled Generating Set

	Model	YDE12000E/EA YDE12000T/TA		YDE12000E3/EA3 YDE12000T3/TA3		YDE15000E/EA YDE15000T/TA		YDE15000E3/EA3 YDE15000T3/TA3	
Generating Set	Rated Frequency (Hz)	50	60	50	60	50	60	50	60
	Rated Output (kVA)	8.5	9	10	11	11	12	13	14
	Max. Output (kVA)	9	10	11	12	12	13	14	15
	Rated Voltage (V)	230/115	240/120	400/230	415/240	230/115	240/120	400/230	415/240
	Rated Current (A)	36.9/73.9	37.5/75	14.4	15.3	47.8/95.7	50/100	18.8	19.4
	Rated Speed (r/min)	3000	3600	3000	3600	3000	3600	3000	3600
	Phase	Single-phase		Three-phase		Single-phase		Three-phase	
	Power factor (cosΦ)	1		0.8 (Lag)		1		0.8 (Lag)	
	Excitation Mode	Transistorized self-excitation and constant voltage(AVR)							
	Connecting Mode	Transmission shaft rigid connection							
Engine data	Model	YD2V88		YD2V88		YD2V92F		YD2V92F	
	Structure	4-stroke,V-twin, air-cooled, direct injection diesel engine				4-Stroke,V-Two, Air Cooled, Vertical, Diesel Engine			
	Displacement (ML)	912		912		997		997	
	Bore× Stroke (mm)	88 X 75		88 X 75		92 x 75		92 x 75	
	Fuel type	Diesel: 0#(Summer), -10#(Winter), -35#(Chilly winter)							
	Oil capacity (L)	2.3		2.3		2.8		2.8	
	Compression ratio	20:01		20:01		20:01		20:01	
	Rated power kW / (r/min)	13.8 / 3000	14.8 / 3600	13.8 / 3000	14.8 / 3600	14.8 / 3000	16 / 3600	14.8 / 3000	16 / 3600
	Starting mode	12V Electrical starter		12V Electrical starter		12V Electrical starter		12V Electrical starter	
	Battery capacity	12V-36Ah		12V-36Ah		12V-36Ah		12V-36Ah	

V-twin Water Cooled Generating Set

	Model	YDE12E/EA YDE12T/TA		YDE12E3/EA3 YDE12T3/TA3	
Generating Set	Rated Frequency (Hz)	50	60	50	60
	Rated Output (kVA)	9	9.5	11	11.5
	Max. Output (kVA)	10	10.5	12	12.5
	Rated Voltage (V)	230/115	240/120	400/230	416/240
	Rated Current (A)	39.1/78.2	39.5/79.1	15.8	15.9
	Rated Speed (r/min)	3000	3600	3000	3600
	Phase	Single phase		Three-phase	
	Power factor (cosΦ)	1		0.8 (Lag)	
	Excitation Mode	Transistorized self-excitation and constant voltage(AVR)			
	Structure Mode	E/EA:Open frame, T/TA:Silent		E/EA3:Open frame, T/TA3:Silent	
Engine Data	Model	YD2V80		YD2V80	
	Structure	4-stroke,V-twin, water-cooled, direct injection diesel engine			
	Displacement (ML)	794		794	
	Bore× Stroke (mm)	80 X 79		80 X 79	
	Fuel type	Diesel: 0#(Summer), -10#(Winter), -35#(Chilly winter)			
	Oil capacity (L)	2.27		2.27	
	Compression ratio	23:01		23:01	
	Rated power kW / (r/min)	12.0 / 3000	14.0 / 3600	12.0 / 3000	14.0 / 3600
	Starting mode	12V Electrical starter		12V Electrical starter	
	Battery capacity	12V-36Ah		12V-36Ah	

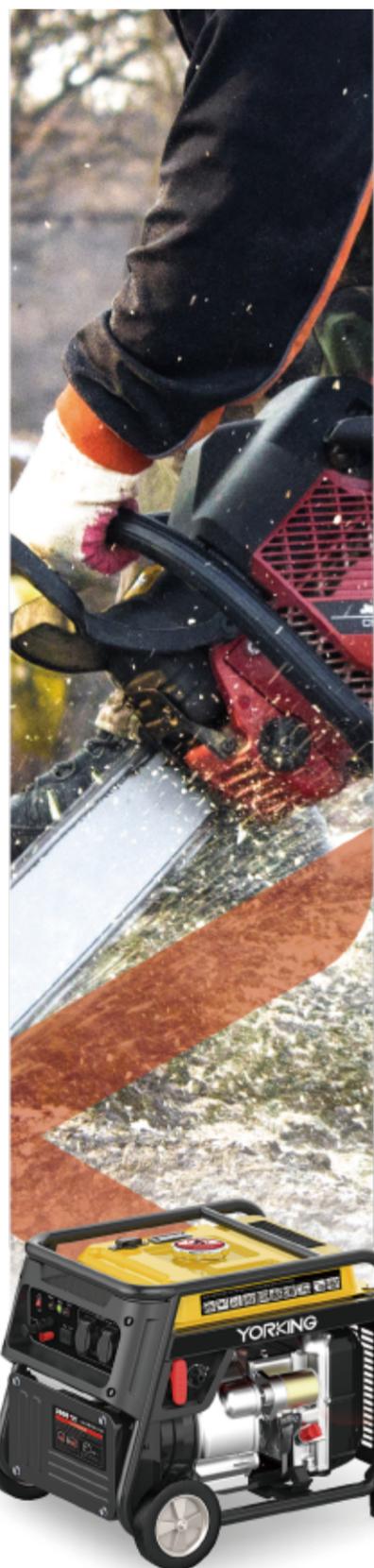
Open Frame

Model	YDE12000E/EA	YDE12000E3/EA3	YDE15000E/EA	YDE15000E3/EA3
Dry Weight (kg)	230	230	240	240
Fuel Consumption (g/kw.h)	≤260	≤260	≤260	≤260
Overall Dimension (mm)	1000×630×700	1000×630×700	1000×630×700	1000×630×700
Noise Level (dBA)	89	89	89	89
Fuel Tank Capacity (L)	34	34	34	34

Silent Type

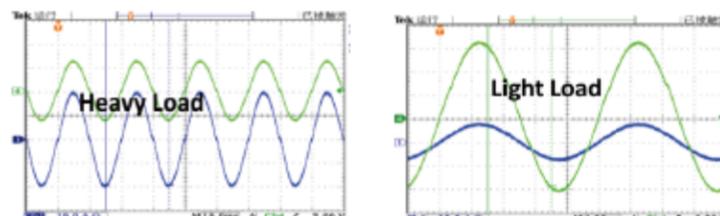
Model	YDE12000T/TA	YDE12000T3/TA3	YDE15000T/TA	YDE15000T3/TA3
Dry Weight (kg)	250	250	260	260
Fuel Consumption (g/kw.h)	≤260	≤260	≤260	≤260
Overall Dimension (mm)	1095×650×780	1095×650×780	1095×650×780	1095×650×780
Noise Level (dBA)	78	78	78	78
Fuel Tank Capacity (L)	25	25	25	25

Gasoline Inverter Generating Set



Clean and reliable power for sensitive electronic equipment

- Advanced inverter technology ensures clean and stable power output from such compact power package. The wave distortion is less than 2%, so the unit can meet G2 standard.
- There's anti electromagnetic interference device in the circuit to ensure clean output.



Stronger power and excellent sudden load performance

- Yorking inverter gensets feature stronger power. The sudden load performance is excellent enough to load some impact load, such as drill, jump bit, cutter bar etc garden machinery.

Lightweight and compact

- The unit design is compact and lightweight. Some models are equipped with wheels and handles. It's easy to access the service parts thanks to the unique connection between the engine and modular design of the canopy. Accordingly, the vibration and noise is greatly reduced.
- To meet the different demands of customers, we provide open frame and silent two kinds of structure for customer choose. Open frame genset is more portable.

Fuel efficient ensures long time running

- The engine speed is variable with real time load, which greatly decreased the fuel consumption and emission.

Simple operation and easy service

- The control panel indicates the real time voltage, frequency, power and running hours. That makes operator easily knows the unit running information and service time.
- There's USB 5V output terminal in the control panel for charging mobile electronic devices.
- To ensure operator's safety, there's optional GFCI receptacle in the control panel for North America market, and there's circuit breaker for other market.

Super quiet running

- Yorking inverter genset is much quieter than the conventional generator. It's the ideal power for the camping, RV and any situation demands quiet running.



Model		YGE1000i		YGE2000i		YGE3000i	
Generating Set	Rated Frequency(Hz)	50	60	50	60	50	60
	Rated voltage(V)	230	120	230	120	230	120
	Rated current(A)	3.9	7.5/3.7	7.8	15/7.5	12.2	23.3/11.6
	Rated Output(kVA)	0.9		1.8		2.8	
	Standby Output(kW)	1.0		2.0		3.0	
	Rated Speed(rpm)	5500		4500		3600	
	DC Output	12V-6A		12V-6A		12V-6A	
	Power Factor	1		1		1	
	Alternator	Alternator model	G10i		G20i		G30i
Phase number		1		1		1	
Engine Data	Engine Model	144F		160F		170F	
	Engine Type	Air-cooled, four stroke gasoline engine		Air-cooled, four stroke gasoline engine		Air-cooled, four stroke gasoline engine	
	Bore x Stroke (mm)	44*36		60*40		70*40	
	Displacement(cc)	53.5		113.5		207	
	Compression ratio	8.5:1		8.5:1		8.5:1	
	Ignition system	T.C.I		T.C.I		T.C.I	
Genset Data	Spark plug	NGK CR7HSA or A5RTC		NGK CR7HSA or A5RTC		LG R6TC	
	Fuel type	Unleaded vehicle gasoline		Unleaded vehicle gasoline		Unleaded vehicle gasoline	
	Fuel consumption(g/kW.h)	≤420		≤480		≤650	
	Fuel Capacity(L)	2.1		3.5		10.5	
	Continuous running time (hr) at 75% output 75%	3.5		4		7.5	
	Lubricating oil type	Above CD grade SAE10W-30/15W-40		Above CD grade SAE10W-30/15W-40		Above CD grade SAE10W-30/15W-40	
	Lubricating oil capacity(L)	0.25		0.4		0.6	
	Starting type	Recoil start		Recoil start		Recoil start	
	Noise Level dB(A)/7m	61.6		63.5		67.5	
Loading Qty (w/o pallet)	Overall Dimension(L×W×H)/mm	480x260x380		535x280x435		650x410x485	
	Net /Gross Weight(kg)	14.8/17		22.2/25		38.6/43.6	
	Structure Type	Silent type(with canopy)		Silent type(with canopy)		Silent type(with canopy)	
	Loading Qty/ 20ft (pcs)	440/352(with pallet)		370/288(with pallet)		160/120(with pallet)	
Loading Qty/40ft (pcs)	920/704(with pallet)		740/576(with pallet)		320/240(with pallet)		
Loading Qty/40hq (pcs)	1056 / 880(with pallet)		720/720(with pallet)		320/240(with pallet)		



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