

YANGKE[®]
Better power, Better life!

INVERTER GENERATORS

● Low Carbon ● Low Emmission ● Low Fuel Consumption

➤ Inverter Technology

➤ Dual Alternator

➤ E.M.S. System



Advantages of YANGKE Digital Inverter Generator

Stable Power Output

Inverter system ensures stable high-quality output for electric tools, Computers, TV and other home appliances.



Smaller Volume and Lighter Weight

The use of dual rare earth permanent-magnet alternators in parallel connection technology made Inverter Generators the most compact in lighter weight.

High Fuel Efficiency!

High generating efficiency and standard electronic governor system allows that the engine speed is adjusted automatically to achieve the lowest fuel consumption.

Low Noise and Environmental Friendly!

The compact design with low engine speed allows the generator to be more silent.

Dual-Alternators In Parallel Connection

Make the generator much lighter! More Stable!
More powerful! More fuel economy!

Stable Quality for Easy Maintenance

Compact structure with stable inverter system & high-quality rare earth permanent-magnet alternator makes it easier and lower cost for maintenance.



EG SYSTEM



AUTOMATIC



Dual-Alternator System



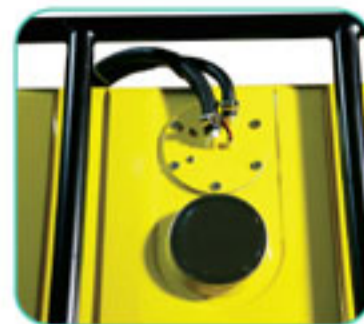
VS



Advantage of Electronic Management System



EURO-III/IV,EPA



Fuel Feed Pump System



Fuel Delivery System



Air Induction System

◆ Uniform Air/Fuel Mixture Distribution

The injector which delivers fuel directly to the intake valve. This eliminates the need for fuel to travel through the intake manifold.

◆ Highly Accurate Air/Fuel Ratio Control Throughout All Engine Operating Conditions

EFI supplies a continuously accurate air/fuel ratio to the engine no matter what operating conditions are encountered. This provides better fuel economy, and emissions control.

◆ Superior Throttle Response and Power

By delivering fuel directly at the back of the intake valve, the intake manifold design can be optimized to improve air velocity at the intake valve. This improves torque and throttle response.

◆ Excellent Fuel Economy With Improved Emissions Control

Cold engine and wide open throttle enrichment can be reduced with an EFI engine because fuel puddling in the intake manifold is not a problem. This results in better overall fuel economy and improved emissions control.

◆ Improved Cold Engine Startability and Operation

The combination of better fuel atomization and injection directly at the intake valve improves ability to start and run a cold engine.

◆ Simpler Mechanics, Reduced Adjustment Sensitivity

The EFI system does not rely on any major adjustments for cold enrichment or fuel metering. Because the system is mechanically simple, maintenance requirements are reduced.

All YANGKE products are under patent protection. Copy prohibited!

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YK950i Series Digital Inverter Gasoline Generator (0.8 - 1.1KW)



Mini Series



General Series



Luxury Series

SPECIFICATION:

GENSET Model	YK950i-M1	YK950i-M2	YK950i-M3	YK950i-G1	YK950i-L1	YK950i-L2
Rated output power (KW)	0.8	0.9	1.0	0.8	0.8	1.0
Max output power (KW)	0.9	1.0	1.1	0.9	0.9	1.1
Rated voltage (V)	110 / 120 / 220 / 230 / 240					
Rated frequency (Hz)	50 / 60					
Voltage regulator	Inverter					
Voltage fluctuation	Less than 3%					
Engine model	YK1E45F		YK1E45F-2		YK1E45F	
Speed governor	Mechanical / Electronic (Automatic, option)					
Fuel tank capacity (L)	2.6			4.2		
Fuel consumption (g/kW×h)	640			640		
Pkg. size L×W×H (mm)	262×334×325			380×320×325		
Net / Gross weight (Kg)	11 / 12		12 / 13		13.5 / 14.5	
Qty 20'GP / 40' GP (Sets)	1,030/2,150		1,030/2,150		750 / 1,600	

YK1900i & YK2600i Digital Inverter Gasoline Generator (1.2 - 1.6KW)

SPECIFICATION:

GENSET Model	YK1900i	YK2600i
Rated output power (KW)	1.2	1.6
Max output power (KW)	1.3	1.8
Rated voltage (V)	110 / 120 / 220 / 230 / 240	
Rated frequency (Hz)	50 / 60	
Voltage regulator	Inverter	
Voltage fluctuation	Less than 3%	
Engine model	YK154F	YK156F
Engine type	4-stroke, OHV gasoline engine	
Speed governor	Electronic (Automatic)	
Fuel tank capacity (L)	4.2	
Fuel consumption (g/kW×h)	560	
Pkg. size L×W×H (mm)	390×320×335	
Net / Gross weight (Kg)	17 / 18	18 / 19
Qty 20'GP / 40' GP (Sets)	740 / 1500	



YK1900i



YK2600i

Digital Inverter Gasoline Generator (2.4 - 8KW)



YK2900i



YK3300i / YK3900i



YK5900i / YK7900i



YK9900i



YK9900i-3



E9900i
(Electronic Management System)

SPECIFICATION:

GENSET Model	YK2900i	YK3300i	YK3900i	YK5900i	YK7900i	YK9900i (3)	E9900i
Rated output power (KW)	2.4	2.6	3.0	5.5	6.5	7.2	8.0
Max output power (KW)	2.6	2.9	3.3	6.2	7.2	8.0	8.8
Rated voltage (V)	120 / 220 / 230 / 240 (400 / 230, 240 / 415)						
Rated frequency (Hz)	50 / 60						
Voltage regulator	Inverter						
Voltage fluctuation	Less than 3%						
Engine model	YK168F-II		YK170F		YK188F	YK190FE	YK190FE
Engine type	4-stroke, OHV, gasoline engine						
Speed governor	Electronic (Automatic)			Mechanical / Electronic / EMS			EMS
Fuel tank capacity (L)		9.0			19		19
Fuel consumption (g/kW×h)		540			420		390
Starting system	Recoil starter			Recoil / Electric		Electric starter	
Pkg. size L×W×H (mm)		505×380×460			585×510×580		
Net / Gross weight (Kg)	28 / 30	29 / 31	30 / 32	55 / 60	56 / 61	57 / 62	58 / 63
Qty 20'GP / 40' GP (Sets)		340 / 700			150 / 350		

EMS: Electronic Management System.

Portable Gasoline Inverter Battery Charger / DC Generator:



YK55A Series



YK60A Series



SPECIFICATION:

GENSET Model	YK55A-1	YK55A-2	YK60A	YK80A
DC output voltage (V)	12	24	12 / 24 / 36 / 48	48 / 72
DC output current (A)	0-50	0-25	60 / 30 / 20 / 15	60 - 40
Display	LED digital meter			
Engine model	YK1E45F		YK154F	YK168F-II(E)
Engine type	2-stroke reed valve, gasoline engine		4-stroke, single cylinder, OHV gasoline engine	
Speed governor	Mechanical		Electronic	Electronic
Fuel tank capacity (L)	4.2		4.2	9.0
Fuel consumption (g/kW×h)	640		560	540
Pkg. size L×W×H (mm)	380×320×325		390×320×335	505×380×460
Net / Gross weight (Kg)	15 / 16		17 / 18	30 / 32
Qty 20'GP / 40' GP (Sets)	750 / 1600		740 / 1500	340 / 700

DC voltage can be designed according to customer requirements.