

# Caravan and Tiny House Portable Gasoline and LPG Generator (Additional power increase with parallel connection)

**USR<sup>®</sup> GENERATORS**



**Digital inverter**

[www.USRpower.com](http://www.USRpower.com)

**JIANMING<sup>®</sup>**  
**远东电机**

# USR<sup>®</sup> GENERATORS

## Being based on people, making technical innovations,

Creating excellent products and running business to meet requirement of market.



# PORTABLE INVERTER GENERATOR



# 1

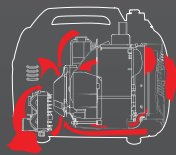
USRpower has the right generator to meet your portable power needs. USRpower---the best choice in portable power. Outstanding serviceability and reliable performance in a simple, easy-to-use design make USRpower generators the best choice in portable power. Ideal for RV, campground, home and outdoor power applications. USRpower Digital Sinemaster Generators provide clean and quiet portable power. These compact and light-weight generators are the perfect match for the RV or campground, when you want all the conveniences at home or bring a Digital generator to the worksite. The pure sine wave generators can run sensitive electronic equipment.

# 2

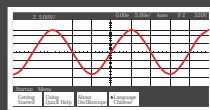
## Inverter Technology

USRpower Digital Generators deliver a stable, pure sine wave AC output, reliable enough to power even the most sensitive electronic equipment. When you need backup power at home, these technically advanced inverter generators will get you and all your appliances through any power related emergency. A high efficiency combustion system produces low emissions to maintain a clean environment. USRpower's unique Smart Throttle control system fosters exceptional fuel economy. USRpower Digital Generators deliver quiet, quality power in a compact package ranging in size from small easy to carry lightweight models to larger models with ergonomically designed handles and wheels that can be easily trans-ported. Sinemaster generators are designed for maximum portability.

3



Unique patented air cooling system



Sine wave diagram of USR Digital series generator

## Product Features

Clean high quality output can power the most sensitive electronic equipment.

Lightweight and compact design for maximum portability and efficiency.

Low noise design is optimized for efficiency resulting in a clean digital generator.

USRpower Digital Generators feature low emissions and are highly fuel efficient and quiet making them among the most environmentally friendly generators on the market.

The microprocessor control instantly senses an overload or short circuit and immediately shuts off the engine to protect the generator and the load.

The inverter module adjusts the engine speed based on the load required resulting in reduced wear and fuel consumption. Ideal for RV, campground and home applications.



We wish to develop technologies to improve our lives. USRpower is always on the move to achieve that dream.



### EV10i Inverter generator



#### EV10i

Rated frequency (Hz)	50/60
Rated output (kW)	0.9
Max. output (kW)	1.0
Dimensions(mm)	450X250X370
zero load-full load) [dB(A)/1m]	56
Net weight(kg)	13.7

## PRODUCT FEATURES



### Lightweight Portable

The alternator is connected directly to the engine, eliminating the weight of the flywheel.



### Unique Structure Utilizing The Latest Technology

The generator is cooled by a patented air intake system. The smart throttle power management system, the sound attenuated structure and inverter style output all combine to produce state of the art portable electric power.



### Certification

USRpower digital gensets have received EPA, CE certification.



### Green Power System

The USRpower Digital Pure Sine wave PSW™ master Series is among the most environmental friendly class of generators in the marketplace.



### Quality Power

USRpower applies inverter technology to the Digital Pure Sine wave PSW™ master Series generators to produce pure sine wave AC output.



### A Wide Range of Benefits

In addition to clean, quiet, and efficient power, USRpower offers superior overload and low oil level protection to all digital generators.

- ▶ Low noise design
- ▶ Lightweight and compact
- ▶ Long running time
- ▶ Advanced inverter technology provides reliable power for computers and other sensitive equipment

# EVIOi DIGITAL INVERTER GASOLINE GENERATOR

USRpower has the right generator to meet your portable power needs. USRpower--the best choice in portable power.

Outstanding serviceability and reliable performance in a simple, easy-to-use design make USRpower generators the best choice in portable power.

Ideal for RV, Campground, Home Applications and more.



USRpower Digital Pure Sine wave PSW™ master Generators provide clean and quiet portable power. These compact and lightweight generators are the perfect match for the RV or campground when you want all the conveniences at home or bring a Digital generator to the worksite. The pure sinewave generators can run sensitive electronic equipments.



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### EV20i Inverter generator



#### EV20i

Rated frequency (Hz)	50/60
Rated output (kW)	1.8
Max. output (kW)	2.0
Dimensions(mm)	520X270X425
zero load-full load) [dB(A)/1m]	61-73
Net weight(kg)	21



## EV20i DIGITAL INVERTER GASOLINE GENERATOR

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- ▶ Low noise design
- ▶ Lightweight and compact
- ▶ Long running time
- ▶ Advanced inverter technology provides reliable power for computers and other sensitive equipment



### PRODUCT FEATURES



#### Lightweight Portable

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#### A Wide Range of Benefits

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INVERTER GENERATOR



## Technical Data



Generating set		EV10i		EV20i	
Rated frequency	Hz	50	60	50	60
Prime power	kW	0.9		1.8	
Standby power	kW	1		2	
Rated voltage	V	230	120/240	230	120/240
Rated current	A	3.9	7.5/3.75	7	13.3/6.7
Rated rotation speed	r/min	5500		4500	
DC output		12V-5.0A		12V-5.0A	
Generator type		USR10		USR20	
Power factor	COSΦ	0.98		0.98	
Phase number		Single phase		Single phase	
Engine					
Engine type		GXH50		GX100	
Structure type		Single cylinder, in-lined, 4-stroke, air cooled, overhead valve		Single cylinder, in-lined, 4-stroke, air cooled, overhead camshaft	
Bore×stroke	mm	43.5×36		58×40	
Displacement	L	0.0535		0.1056	
Compression ratio		8.5:1		8.5:1	
Rated power	KW/(r/min)	1.3/5500		2.2/4500	
Lube oil brand		AboveSF SAE 10W-30a 15W-40		AboveSF SAE 10W-30a 15W-40	
Lube capacity	L	0.15		0.4	
Ignition system		T.C.I		T.C.I	
Spark plug		UR5		UR5	
Starter system		Recoil starter		Recoil starter	
Battery capacity		-		-	
Fuel type		Vehicle lead-free petrol		Vehicle lead-free petrol	
Lowest fuel consumption(g/KW.h)	g/KW.h	380		400	
Genset					
Fuel consumption	g/KW.h	550		550	
Fuel tank capacity	L	2.6		3.7	
Continuous running time(hr)(rated output)	h	5		3	
Noise(unload-full load)	dB(A)1m	54-59		61-73	
Overall dimension	mm	450X250X370		520X270X425	
		-		-	
Net weight	kg	13.7		21	
Structure type		Portable, silent		Portable, silent	

# LPG & GASOLINE INVERTER GENERATOR



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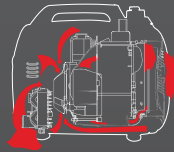
2

## Inverter Technology

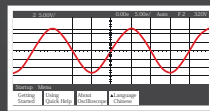
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Dual fuel inverter generator for some countries is rich in LPG ( Liquefied Petroleum Gas ) and natural gas, USR company came out with dual fuel inverter generators to adapt to different market demand, dual fuel inverter generator can through the fuel switch fuel, gas oil can be used alone, also can be used alone liquefied petroleum gas or natural gas. Use liquid gas or day when gas generator output power and use same gasoline, but more fuel saving cost.



Unique patented air cooling system



Sine wave diagram of USR Digital series generator

## Product Features

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**EV10i-LPG Inverter generator**



**EV10i-LPG**

Rated frequency (Hz)	50/60
Rated output (kW)	0.9
Max. output (kW)	1.0
Dimensions(mm)	460X250X395
zero load-full load) [dB(A)/1m]	54-59
Net weight(kg)	14

## PRODUCT FEATURES



### Lightweight Portable

The alternator is connected directly to the engine, eliminating the weight of the flywheel.



### Unique Structure Utilizing The Latest Technology

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### Certification

USRpower digital gensets have received EPA, CE certification.



### Green Power System

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### Quality Power

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### A Wide Range of Benefits

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- ▶ Low noise design
- ▶ Lightweight and compact
- ▶ Long running time
- ▶ Advanced inverter technology provides reliable power for computers and other sensitive equipment

## EVIOi-LPG Double fuel Gasoline LPG(Liquefied Petroleum Gas)

Dual fuel inverter generator for some countries is rich in LPG (Liquefied Petroleum Gas) and natural gas, USR company came out with dual fuel inverter generators to adapt to different market demand, dual fuel inverter generator can through the fuel switch fuel, gas oil can be used alone, also can be used alone liquefied petroleum gas or natural gas. Use liquid gas or day when gas generator output power and use same gasoline, but more fuel saving cost.



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### EV20i-LPG Inverter generator



#### EV20i-LPG

Rated frequency (Hz)	50/60
Rated output (kW)	1.8
Max. output (kW)	2.0
Dimensions(mm)	515X300X430
zero load-full load) [dB(A)/1m]	61-73
Net weight(kg)	22



## EV20i-LPG Double fuel Gasoline LPG(Liquefied Petroleum Gas)

Dual fuel inverter generator for some countries is rich in LPG (Liquefied Petroleum Gas) and natural gas, USR company came out with dual fuel inverter generators to adapt to different market demand, dual fuel inverter generator can through the fuel switch fuel, gas oil can be used alone, also can be used alone liquefied petroleum gas or natural gas. Use liquid gas or day when gas generator output power and use same gasoline, but more fuel saving cost.

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## Technical Data



Generating set		EV10i-LPG		EV20i-LPG	
Rated frequency	Hz	50	60	50	60
Prime power	kW	0.9		1.8	
Standby power	kW	1		2	
Rated voltage	V	230	120/240	230	120/240
Rated current	A	3.9	7.5/3.75	7	13.3/6.7
Rated rotation speed	r/min	5500		4500	
DC output		12V-5.0A		12V-5.0A	
Generator type		USR10		USR20	
Power factor	COSΦ	0.98		0.98	
Phase number		Single phase		Single phase	
Engine					
Engine type		GXH50		GX100	
Structure type		Single cylinder, in-lined, 4-stroke, air cooled, overhead valve		Single cylinder, in-lined, 4-stroke, air cooled, overhead camshaft	
Bore×stroke	mm	43.5×36		58×40	
Displacement	L	0.0535		0.1056	
Compression ratio		8.5:1		8.5:1	
Rated power	KW/(r/min)	1.3/5500		2.2/4500	
Lube oil brand		AboveSF SAE 10W-30a 15W-40		AboveSF SAE 10W-30a 15W-40	
Lube capacity	L	0.2		0.4	
Ignition system		T.C.I		T.C.I	
Spark plug		UR5		UR5	
Starter system		Recoil starter		Recoil starter	
Battery capacity		-		-	
Fuel type		Vehicle lead-free petrol		Vehicle lead-free petrol	
Lowest fuel consumption(g/KW.h)	g/KW.h	420		420	
Genset					
Fuel consumption	g/KW.h	550		550	
Fuel tank capacity	L	2.5		4	
Continuous running time(hr)(rated output)	h	5		3	
Noise(unload-full load)	dB(A)1m	54-59		61-73	
Overall dimension	mm	450X250X370		520X270X425	
		-		-	
Net weight	kg	14		22	
Structure type		Portable, silent		Portable, silent	



İTAŞ  
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