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GENERATOR - INVERTER SET Handy



Sinecare 4 Stroke OHV Engine

Sinecare Handy Generators are engineered against the same standards as our other products: the highest standards. All our generators are equipped with an OverHead Valve engine, which provides a high efficiency and reliability, low oil consumption, quiet operation and a long life-time. The Transistor Controlled Ignition provides a clean and efficient spark allowing fast and easy starting and a reliable and maintenance free operation. The Automatic Decompression System slightly opens the exhaust valve when the engine is not running to reduce the engine backpressure and ensure that the starter rope is easy to pull. To prevent damage, the engine stops automatically when the oil level (pressure) has fallen below the prescribed level. Unless the engine oil is refilled, the engine can not be started again to prevent serious damage.

Brushless Alternator

Increases reliability and reduces maintainance.

Inverter Type Controller

Industry-leading system that produces higher-quality and cleaner electricity. Results in pure sine wave as clean or cleaner than commercial power and can operate products with built in microcomputers.

Economy Control

Regulates engine revolutions in accordance with the actual electricity load for greater fuel economy and quietness.

Electronic AC Circuit Breaker

Automatically cuts off the current to protect the generator when the output voltage exceeds the designated maximum capacity during a specified time.

Automatic DC Circuit Breaker

Non Fuse Breaker Type to protect the generator against overcurrent.

12Volt DC Outlet

Convenient for battery charging. The standard included cord is 1.8 meter in length. A special 12 volt plug fits the 12 volt receptacle on the generator, the insulated alligator style clips can be used to charge a battery.

Super Silent Design

The molded casing, noise-absorbing glass wool construction and a newly designed muffler produce unbeatable noise reduction.



>>APPLICATIONS

- Heating Equipment
- Pumps
- Solars
- Home Office
- Camping
- Power Tools
- Move light at any place
- Audio/Video
- Portable Lighting
- Emergency power
- Small store on road



The support you need, when you need it!



TECHNICAL SPECIFICATIONS



Generator-Inverter set

Handy

Alternator

Type: Brushless, revolving magnetic field, self-exciting, single phase

Voltage Regulator electronic

Voltage V: 110, 120, 220,230,240

Frequency Hz: 50 60

Max. AC output KVA: 1

Rated AC output KVA: 0.9

Power Factor $\cos \phi$:1

Type: Forced air-cooled, 4 stroke, OHV

Displacement ml/cc: 50

Max. Output HP: 2.5Hp/7000rpm

Fuel Unleaded gasoline

Fuel Tank Capacity L: 2.5

Oil : SAE 10W-30

Oil Capacity L: 0.25

Ignition system: T.C.I

Starting system: Recoil

Continuous operating hours h: 5

Operating noise (7m)dB : 58

Option DC 12V/10A output: Y

Remarks

Computer friendly output: Sine wave; 1.5%--3% voltage deviation (traditional gen set is 5%--10), suitable for sensitive electrical appliances;

Light weight (half of traditional brushed Type); Smaller size;

More efficient with lower fuel consumption

Quiet and smooth

