

# **SENTRY-PRO** STAND BY GENERATORS

**“WE KEEP YOUR POWER ON”**



**SENTRY-PRO EMERGENCY STANDBY POWER SYSTEMS by GILLETTE  
GIVES YOU 24 HOUR PROTECTION NO MATTER WHEN TROUBLE STRIKES.  
YOU CAN'T PREDICT “BLACKOUTS” BUT YOU CAN PREPARE FOR THEM.**

# SENTRY-PRO®

3600 RPM

by Gillette

YOUR OWN "SENTRY" WILL GUARD YOUR FAMILY OR YOUR BUSINESS PROPERTY AGAINST NORMAL UTILITY POWER FAILURE

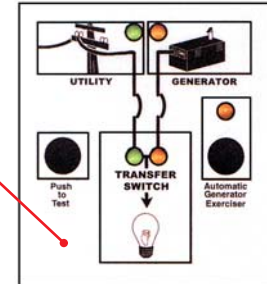
**THE STORM IS ON — THE POWER IS GONE — BUT YOU'RE STILL ON — WITH YOUR OWN EMERGENCY ELECTRIC POWER SYSTEM.**

## HONDA DRIVEN, SENTRY-PRO® "PACKAGED STANDBY SETS"



### "SPH SERIES" PACKAGED ELECTRIC POWER PLANTS

A selection of 8.5, 10, 12 or 16 KW generators with a choice of natural gas, LPG, or diesel fuel, is all you will need for your home or small business power standby protection.



### 100 AMP AUTOMATIC TRANSFER SWITCH

Door panel allows complete control functions without ever opening the door to live electric power. (See above control panel inset).

## THE EASY WAY TO PROVIDE SECURITY AND PEACE OF MIND FOR YOUR HOME AND FAMILY

Storms, power line faults and even over-loaded electric grids can happen anytime, disrupting utility power to our home or small business.

With standby emergency electric power, your family stays warm. Refrigerators, freezers, lights, TV sets, sump pumps or water pumps keep on working. Office equipment, communications and security systems are also vital to remain on line and operating.

Whatever the utility power loss reason and whatever the season, the Gillette "SENTRY-PRO" emergency electric power system is there for you, ready to deliver dependable and clean emergency electric power.

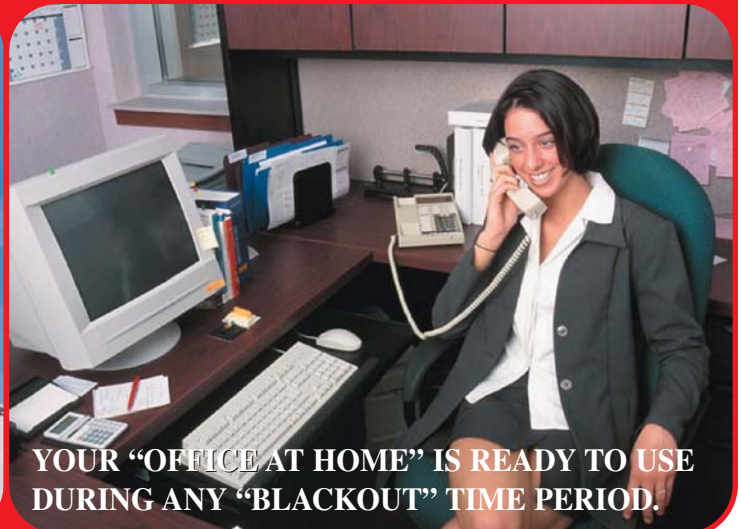
**HOW DOES SENTRY-PRO WORK?** A microprocessor, digital controller continuously monitors utility power. When the normal power fails, this controller turns the generator on. When normal power returns, the generator shuts itself down. The best part; it's all automatic, with no operator needed.

An automatic engine exerciser is part of the system. It's job is to automatically start and run the engine for 15 minutes, each week. This "exercising" will insure a perfectly operating generator set, when you need it most.

SENTRY-PRO will work on one of (3) fuels: Natural gas, LPG, or diesel fuel.



**SENTRY-PRO IS THERE FOR YOU...  
EVEN WHEN YOU'RE NOT**



**YOUR "OFFICE AT HOME" IS READY TO USE  
DURING ANY "BLACKOUT" TIME PERIOD.**

# SENTRY-PRO®

1800 RPM by Gillette

HEAVY DUTY STANDBY GENERATOR SETS READY TO USE  
WHENEVER UTILITY POWER IS COMPLETELY LOST.  
YOU CAN'T PREDICT — YOU CAN PREPARE

## OPEN GENERATOR SETS

- These generator sets are open (no enclosure) and are to be installed in weather protected and uninhabited buildings.
- **EXHAUST SILENCER** and **EXHAUST FLEX PIPE** are furnished loose for installation by others.
- **VIBRATION ISOLATORS** furnished on all sets for quieter, smoother operation.
- **“KLEEN-POWER”®** is achieved on all sets by special circuitry, allowing only 3-4% harmful harmonic waveform distortions.
- **SENTINEL “SCOUT”** digital controller has diagnostic displays and is programmable for custom applications.
- Open or enclosed sets are available in natural gas, LPG, or diesel fuel, in sizes 15 thru 125KW (dry fuel) and up to 300KW (diesel).



SHOWN IS MODEL SP-300, 30 KW GENERATOR SET.

## STANDARD ENCLOSURE



SHOWN IS MODEL SP-300, 30 KW GENERATOR SET.

- **STANDARD** housing is weather protected, with sound deadening foam, and has mounted and plumbed exhaust silencer.
- **REVOLVING FIELD** generator design with automatic voltage regulator, allows just 1/2% voltage regulation.
- **ENGINES** are fully equipped with all necessary items and are factory load tested with their specific fuels: natural gas, LPG gas, or diesel.
- **STEEL BASE** wraps around all enclosed sets and provides protection for housing.
- **DIGITAL DIAGNOSTICS** on all sets, for low oil pressure, high engine temperature, overspeed, underspeed, fail to start, automatic engine start-stop with (3) start attempts before auto shutdown, and tamper proof engine run time meter.
- **HOUSINGS** are all weather protected and lockable, allowing only authorized entrance.

## “SUPER-SILENT” ENCLOSURE

- **SUPER-SILENT** housing is weather protected with special “RESIDENTIAL” silencer, plus special formulated sound absorbing foam and air baffles for ultra-quiet performance..
- **AUTOMATIC ENGINE PROTECTION** on all sets, by automatically shutting down for low oil pressure, high coolant temperature, engine overspeed and overcrank. Automatic starting allows up to (9) individual starting attempts before final shutdown.
- **SELECTOR SWITCH** allows “MANUAL”, “AUTOMATIC” and “MAINTENANCE-OFF” positions, on all gen-sets.
- **EFFICIENT** engines run on clean dependable LPG, natural gas or diesel fuel. All engines conform to EPA clean exhaust emissions.
- **UL CERTIFIED** automatic transfer switch completes the package of the home or business standby generator set.



SHOWN IS MODEL SPJD-1000, 100 KW GENERATOR SET.

## FEATURES AND BENEFITS OF HOME (3600 RPM) AND COMMERCIAL (1800 RPM) STANDBY SETS

### SENTINEL "SCOUT" MICROPROCESSOR (4-POLE ONLY)



1. Pushbutton for "STOP", "STANDBY" and "MANUAL" positions.
2. Flashing red light or audible signal for shutdown.
3. Diagnostic indicators.
4. Two auxiliary LED inputs for custom control.
5. System "ON" and "OFF" selector switch.

This digital controller is installed on all commercial 1800 rpm sets and allows greater reliability and accuracy in the control of your standby set. It can automatically start and stop the engine, indicate the operational status and fault conditions, automatically shutting down the engine and indicating the cause of failure by a flashing red light. This controller is programmable and can report up to (10) operating functions.

SENTINEL III and SENTINEL IV is an option that has all the above features plus it has a full telemetry communication system for total reporting and remote control from any worldwide location.

### HOUSING RUST AND SOUND PROOFING SYSTEM



1. Primary baked-on powder coat finish.
2. Secondary cleaning and primer coat.
3. Rust-free "GALVANEEL" steel housing.
4. 3/4" thick sound absorbing foam.
5. Sound vibration damping sheet.
6. Additional foam and sound barrier sheet for "SUPER-SILENT" housing only.

**STANDARD HOUSING** should be chosen where weather protection and average sound deadening is required, such as factories, industrial sites or remote areas away from general public or residential neighborhoods.

**"SUPER-SILENT"** housings should be chosen for nursing homes or hospitals, within residential areas, within general public congregating areas, or where lowest operating noise is required.

- **GENERATORS** are all of brushless, revolving field design, with single ball bearing. Commercial (1800 rpm) sets have automatic voltage regulators, yielding 1/2% regulation..

- **SENTINEL "SCOUT"** microprocessor controller has diagnostic displays and is programmable for custom applications. (1800 rpm only).

- **AUTOMATIC ENGINE PROTECTION** by shutting down engine for low oil, high temp., overspeed, overcrank and allows up to (9) engine cranking attempts before final shut-down.

- **"KLEEN-POWER"** is achieved on all gen-sets by special circuitry allowing only 6% (3600 rpm) and 3% (1800 rpm) harmful harmonic waveform distortion.

- **ENGINES** are all heavy duty and fully equipped with all necessary equipment and are factory tested with their specific fuels; natural gas, LPG or diesel fuels.

- **QUICK CHANGE OIL** with extension drain tube and on-off drain valve.

- **SELECTOR SWITCH** allows "manual" test, "automatic" operation and "maintenance-off" positions.

- **VIBRATION ISOLATORS** for quieter, smoother operation.

- **WRAP-AROUND** steel base (on housed generator sets only).

- **"GALVANEEL"** steel for rust-free housing, finished with baked-on powder coat having UV protection and certified by UL against salt spray corrosion.

- **HOUSINGS** are weather protected, have full sound absorbing foam with air baffles for quieter operation and all have lockable doors.

- **UL CERTIFIED** automatic transfer switch and generator completes the package of the home or commercial standby gen-set. These UL transfer switches will assure a safe electric load transfer from utility to emergency power (upon blackout conditions), and from emergency to utility power (when normal power is restored).

### GILLETTE GENERATORS, INC.

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