

Pump Sentry

Clean, Fully Automatic, Instant Emergency Power

For Sump and Immersible Pumps

**Protection Against Power Failure
to Basement Pumps with a Simple
to Implement Pump Sentry**



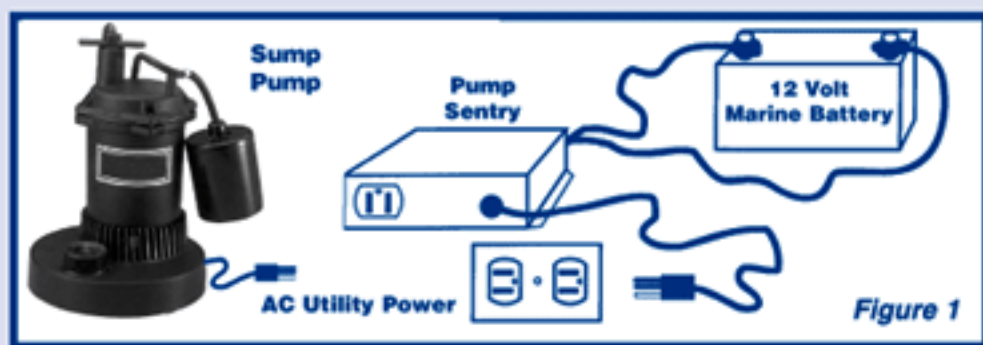
MODEL
812 PS



MODEL
1612 PS



Here is how Pump Sentry works



Pump Sentry interfaces between pumps and the AC electrical supply.

When electricity is available, Pump Sentry charges a battery and monitors the power line to detect a power outage. At the instant that power failure occurs, Pump Sentry draws the energy stored in the battery and converts it to AC power. This AC power is automatically channeled to the pumps to maintain their operation in the absence of electricity.

When AC utility power is restored, the Pump Sentry reinstates AC utility power as the prime energy source to operate the pumps. Simultaneously and automatically Pump Sentry commences the recharging of the battery, to return it to full capacity in preparation for the next power failure.

A deep cycle marine battery with 180 minutes reserve capacity will maintain the operation of a 1/3 Hp. column sump pump continuously for four to six hours. If more time is desired a larger battery or multiple batteries can be used. The operating time is directly proportional to the battery reserve capacity.

Two Pump Sentry Models from which to Choose

Electrical Specifications	Model 812 PS	Model 1612 PS
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Normal Mode Operation:

Input Voltage:	100-128 VAC	100-128 VAC
Input/Output Current (max.)	11 A Continuous	16 A Continuous
On Motor Start Up	15 A Peak	22 A Peak
Max. Battery Charging Current	12 A	12 A
Max. Recharge Time	13 Hrs.	13 Hrs.

(For recharging a 180 minute reserve battery that has been depleted to 10.5 Vdc)

Back Up Mode Operation:

Maximum Back Up Power	1200 Watts Cont.	1600 Watts Cont.
Maximum Input Current	120 A Cont.	180 A Cont.
Size: (inches)	3H x 8W x 17L	3H x 8W x 21L

Model 812 PS will operate most pumps whose continuous current draw does not exceed 11 A.

Model 1612 PS will operate most pump combinations whose continuous current draw does not exceed 16 A.

Pump Sentry Selector Guide**

Pump Sentry Model

Manufacturer	Pump Model	812 PS	1612 PS
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Submersible Types

Hydromatic	SD 25A	X	X
Jacuzzi	3SPP	X	X
Stevens	SS45F	X	X
Zoeller	M 53	X	X
Tecumseh	T157	X	X

Column Types

Any Brand	X	X
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****Models other than those listed above may operate properly with Pump Sentry**

AC Pump Sentry System

VS

12 Volt DC Pump System

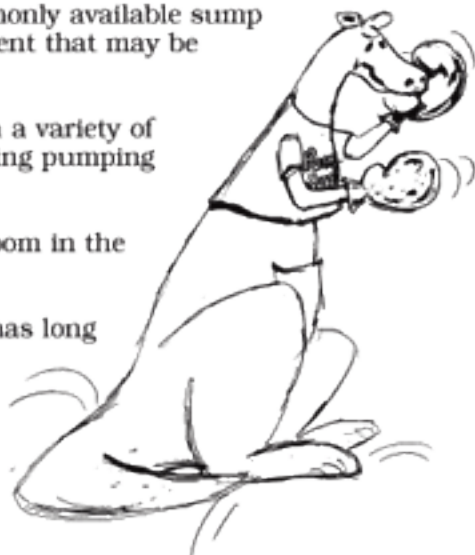
Works with commonly available sump pumping equipment that may be already installed

Can be used with a variety of pumps with varying pumping capacities

Takes no extra room in the sump pit

Motor in pump. has long life and is inexpensive to replace

Pump is inexpensive to replace



It is usually an add on to the pumping equipment already in the sump pit

Available only in 1100 gal/hour at 10 feet capacity

Occupies space in the sump pit

Motor has shorter life than conventional AC motors used in common sump pumps

Pump is expensive to replace

Features and Benefits of Pump Sentry

- Operates with existing equipment translates into * optimum performance
* does not impose the introduction of an additional pump
- Operates without electricity for 4 to 24 hours
(depending on load size and battery reserve capacity)
- Not restrictive to a single brand or pump style
- Easy Hook Up
(No special tools or wiring necessary, plugs into standard wall outlet)
- Automatic Power Transfer
(You do not have to be present to make it work)
- Automatic Recharge
(You do not need to remember to recharge the battery)
(You do not need an additional battery charger)
- Silent and Clean Operation
(can be kept in home basement or utility room)
- Enables the combination of column and submersible pumps without special additions
(no check valves or switches)
- Maintenance Free Operation
(Needs no fuel, has no moving parts)
- Comprehensive Instruction Manual and Factory Support
(Unconditional 1 Year Warranty on Pump Sentry only)
(no warranty is implied for misapplication - see instruction manual for correct usage)

A Comparison with Competitor's Specifications

	812 PS Pump Sentry in System	12 VDC Auxillary Systems
Pumping Capacity (gal./hr. @ 10 ft.)	Up to 3000 gal./hr. with 1/3 HP AC Pump	768-1600 gal./hr. (varies with brand)
Continuous Pumping Time	8 Hours with 100 A-Hr (180 min reserve) Recommended Battery	3.7 Hr. - 7.3 Hr. with manufacturer's recommended battery (varies with brand)
Pumping Time Flexibility	Multiple batteries may be connected in parallel to increase pumping time capacity (see below)	Unspecified
Charger Capacity	13A	0.4A to 10 A (varies with brand)
Recharge Time	10 Hours when using a single recommended Battery	10 Hours to 170 Hours with recommended battery (varies with brand)

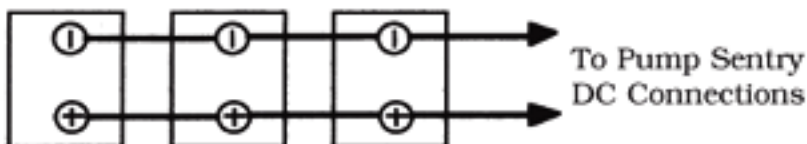
* The information in this table is based on Stabylex' compilation of data published by the manufacturers of the following models:

SB 12DC Silent Sentry
Slimer Ace in the Hole

Wayne ESP 15
Water Ace RBSP

Flotec FP 2000DCC 01
Basement Watchdog Special

Multiple batteries (2 or 3) may be connected as shown to give continuous operation of 16 and 24 hours respectively



OR
Complement your battery's capacity with the cigarette lighter input from your vehicle.

