

HONDA

HP²S

HONDA PORTABLE POWER SYSTEMS



For Home, Work and Play.

HP²S

Honda Portable Power Systems are designed to offer homeowners a superior home backup alternative when unforeseen events interrupt local utility electrical service. Thanks to their portable nature, HP²S systems offer you the flexibility of using the generator for work-related or recreational activities such as RVing and camping, or even backup power for a vacation home! Permanent home backup power systems can't offer this type of versatility. Additionally, since the Honda Portable Power Systems are not permanent installations, real estate valuation is not affected. If you should one day move from your current residence, you can decide to take the portable generator unit with you to your new home.



WHAT MAKES UP THE HONDA PORTABLE POWER SYSTEMS?

THE BRAIN

HP²S is controlled using the most advanced power management technology available today. The UTS (Universal Transfer Switch)



UTS Switch

by American Power Conversion offers a wide variety of user-programmable features designed to put you in control of exactly what the system will power in the event of an electrical outage. Perhaps the most amazing benefit of this new technology is the ability of the UTS to manage the home circuits you wish to power and "loadshed". Load shedding enables the UTS to automatically shut off power to less essential circuits in

order to power circuits you have chosen as a higher priority. The application of this technology means that you don't have to invest in a larger wattage output generator than you actually need!

THE BRAWN

There are nine different Honda systems designed to meet your specific needs. Each system features Honda portable generators for the ultimate in reliability and durability. Based on your individual requirements, choose from our EU Super Quiet Series, EM Deluxe Series, EB Industrial Series or EG Economy Series models and from a power range of 2000 to 6500 watts. Whichever model you choose, your Honda Generator will be at the ready to provide clean, consistent 120V or 120/240V



EU6500is

power (depending on system) with unsurpassed fuel economy. And remember, your Honda generator doesn't have to stay at home! Take it tailgating, camping, RVing or anywhere there's a need for power.

THE BACKUP

Honda Portable Power Systems offer two optional UPS battery units (standard on the 5000 and 6500 watt systems).

This option ensures that if you're away from home and return to a power outage situation, you'll have electricity, up to the limit of the UPS, to open the garage door and power limited lighting in order to get your backup system up and running.



Battery Backup

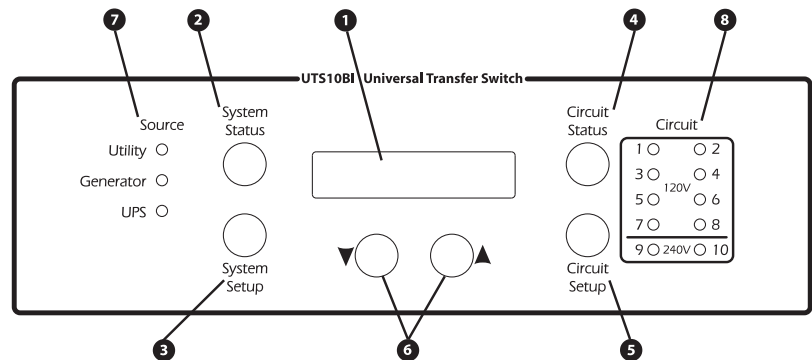
ADVANCED POWER MANAGEMENT FOR YOUR HOME.



The controls and display of the Universal Transfer Switch are designed to be easy to read and easy to program. In the event of a power outage, you can safely program and control which circuits will get power, and for how long they will get it.

UTS Controls and Indicators

The UTS controls and indicators are located on the front of the UTS.



	Control or Indicator	Description
1	LCD	<ul style="list-style-type: none"> Displays two lines with 20 characters per line Displays UTS status, warnings, general information Displays the value or setting that is being entered or changed during configuration and setup
2	System Status button	Cycles the UTS through the default or selected system status options
3	System Setup button	Used to configure the UTS system options
4	Circuit Status button	Cycles the UTS through the circuits displaying the status of each on the LCD
5	Circuit Setup button	Used to configure the UTS individual circuit options
6	Down/Up arrow buttons	Used to scroll through steps for configuration and to scroll between status and informational displays
7	Source LEDs Utility Generator UPS	<ul style="list-style-type: none"> Solid green LED illumination indicates that the power source is ON and is functioning normally No LED illumination indicates that the power source is OFF or is outside specified limits A flashing green LED indicates that a fault condition exists for that power source, and should be corrected
8	Circuit LEDs	<p>The number of circuit LEDs varies dependent on the model of UTS</p> <ul style="list-style-type: none"> Red LED illumination indicates that the UTS circuit is receiving power from one of the power sources No illumination indicates that circuit is not receiving any power A flashing red LED indicates that a fault condition exists and should be corrected

The Model UTS6, UTS6BI and UTS10BI Universal Transfer Switches include the following major features:

- A fully automatic transfer switch provides power for up to ten circuits from one to two independent backup sources.
- Quick, easy and safe configuration, installation and setup.
- Certified to UL 1008 Transfer Switch Equipment standard.
- UPS Battery backup for true uninterrupted operation (standard on 5,000 watt and above systems).
- Ability to transfer select loads between backup sources (generator and UPS) to provide maximum power availability and run time.
- Adaptive load management (ALM) prevents momentary surges and overloads from overloading the generator and helps maximize generator operating efficiency.
- Over-voltage and under-voltage protection safeguards electrical equipment and appliances.
- LCD display shows status messages including voltage, current and power values and energy usage levels.
- Semi-automatic operation when used with manual start generators by switching to generator power as soon as it is detected.
- Fully automatic operation when used with remote controlled auto start/stop generators.
- Support for hardwired loads such as well pumps, sump pumps and furnace blower motors.
- Security mode timer automatically controls lights and appliances to deter burglaries.
- Model UTS6 is designed for 120V, single phase, 15A applications.
- Model UTS6BI is designed for 120/240V, split phase, 20A or 30A applications and up to 50A with hard-wire option.
- Model UTS10BI is designed for 120/240V, split phase, 20A or 30A applications and up to 50A with hard-wire option.
- Time management in concert with load shedding ensures loads get the power they need.
- Bypass mode for service and maintenance.










Load Types & Factory Default Settings					
Circuit Load Type	Load Description	Source	Delayable	Maximum Minutes Off	Minimum Minutes On
air conditioner	air conditioner, room size	generator	yes	30	30
computer	personal computer with monitor and UPS	uninterruptible	no	5	5
freezer	thermostat controlled	generator	yes	30	30
furnace, hot air	furnace with forced hot air blow	generator	no	30	30
furnace, hot water	furnace with forced hot water pump	generator	yes	30	30
garage door	garage door opener	either	no	30	30
home theater	audio/visual equipment with UPS	uninterruptible	no	5	5
lights	lights, incandescent	either	no	5	5
microwave oven	short term usage	generator	no	5	5
refrigerator	thermostat controlled	generator	yes	30	30
security system	security system timer controlled	generator	yes	60	60
sprinkler system	sprinkler system timer controlled	generator	yes	60	60
sump pump	motor load	generator	no	5	5
well pump	motor load	generator	yes	5	5
other		generator	yes	30	30
none		none	yes	5	5

CHOOSE THE SYSTEM THAT'S RIGHT FOR YOU.



In a "hard-wired" application, the generator is connected through an inlet box.

Each system includes a Honda Generator, 6 or 10-circuit UTS Center and 25' power cable to connect your generator through an optional inlet box or directly to the UTS. The chart below illustrates the components that make up each of the nine basic systems.

Model*	Generator Series	UTS Switch	Cable	Inlet Box**	Hardwire Kit	Battery Backup***
 EU2000iA and EU2000iA Companion Max. Wattage 4000	EU Super Quiet	6 Circuit 120V 32316-UTS6H	25' Cable 06582-103-025AH	Bottom Inlet Box 32315-189-030AH Front Inlet Box 32316-189-PB31	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EU3000iSA Max. Wattage 3000	EU Super Quiet	6 Circuit 120V 32316-UTS6H	25' Cable 06582-103-025AH	Bottom Inlet Box 32315-189-030AH Front Inlet Box 32316-189-PB31	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EU3000i Handi Max. Wattage 3000	EU Super Quiet	6 Circuit 120V 32316-UTS6H	25' Cable 06582-103-025AH	Bottom Inlet Box 32315-189-030AH Front Inlet Box 32316-189-PB31	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EM4000SX Max. Wattage 4000	EM Deluxe	6 Circuit 120/240V 32315-UTS6BI	25' Cable 06580-124-025AH	Bottom Inlet Box 32315-189-020AH Front Inlet Box 32316-189-PB20	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EG5000CL Max. Wattage 5000	EG Economy	10 Circuit 120/240V 32315-UTS10BI	25' Cable 06583-104-025AH	Bottom Inlet Box 32314-189-030AH Front Inlet Box 32316-189-PB30	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EM5000SX Max. Wattage 5000	EM Deluxe	10 Circuit 120/240V 32315-UTS10BI	25' Cable 06583-104-025AH	Bottom Inlet Box 32314-189-030AH Front Inlet Box 32316-189-PB30	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EM5000iSAB Max. Wattage 5000	EM Deluxe	10 Circuit 120/240V 32315-UTS10BI	25' Cable 06583-104-025AH	Bottom Inlet Box 32314-189-030AH Front Inlet Box 32316-189-PB30	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EM6500SX Max. Wattage 6500	EM Deluxe	10 Circuit 120/240V 32315-UTS10BI	25' Cable 06583-104-025AH	Bottom Inlet Box 32314-189-030AH Front Inlet Box 32316-189-PB30	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD
 EU6500iSA Max. Wattage 6500	EU Super Quiet	10 Circuit 120/240V 32315-UTS10BI	25' Cable 06583-104-025AH	Bottom Inlet Box 32314-189-030AH Front Inlet Box 32316-189-PB30	Optional 32316-UTSHW	780 Watt 32315-BR1300LCD 865 Watt 32315-BR1500LCD

* All models listed are 49-State models. See your dealer for California models.

** Inlet box use requires a Hardwire Kit.

*** Battery Backup required to take advantage of all UTS Switch features.



Cable



Bottom Inlet Box



Front Inlet Box



Hardwire Kit



Battery Backup

Typical Residential Power Consumption

Load Description	Continuous Watts ¹	Surge at Startup Watts ²	Delayable ³	Sensitive ⁴	Notes
air conditioner, 10,000 BTU	1500	2200	yes	no	
clothes washer, automatic	1200	1200	yes	yes	
coffee maker	600	600	yes	yes	
dish washer, cool/dry	200	540	yes	yes	
electric heater, portable	1500	2200	yes	no	
electric stove, 8 inch element	2100	2100	yes	no	
fan, box	200	200	yes	no	
furnace, 1/6 HP blower fan	500	750	yes	no	
furnace, 1/4 HP blower fan	600	1000	yes	no	
freezer, Energy Star	130-200	1200	yes	no	
garage door opener	350	700	no	no	
hair dryer	1500	2000	no	no	
home theater	150-1000	300-2000	no	yes	should be used with a UPS
lights, incandescent	value on bulbs	on bulb	no	no	
microwave oven	1000	1000	no	yes	
oil burner or stoker	300	300	yes	no	
personal computer with monitor	150-300	150-300	no	yes	should be used with a UPS
refrigerator, Energy Star	130-400	1200	yes	no	
security system	50	50	yes	yes	
septic pump, 1/2 HP	875	2350	no	no	
television: flat screen	300-600	600-900	no	no	should be used with a UPS
toaster or toaster oven	1100-1500	1100-1500	no	no	
well pump	300-1100	600-2200	no	no	

Note¹: **Continuous Watts** are the total Watts required to support the specified load under continuous running conditions.

Note²: **Surge or high inrush** refers to circumstances when a load draws 150% or more (up to 3x), the rated power for more than one second.

Note³: **Delayable** refers to loads that can be turned off temporarily allowing another load to run in order to prevent an overload condition.

Refer to the Operation Manual for details concerning **ALM** and **Delayable** circuits.

Note⁴: **Sensitive** refers to the susceptibility of a load to fluctuations in voltage. Refer to the Operation Manual for details concerning circuit sensitivity settings.

ADDITIONAL ACCESSORIES



Universal Folding
Handle Cover



Appliance Load Tester
Watt Meter / Ammeter



Wireless Remote Kit
For convenient remote start/stop.



Battery Tender
Keeps your electric start
generator's battery charged.

IMPORTANT SAFETY INFORMATION

Please read the owner's manual before operating your Honda Power Equipment. Connection of a generator to house power requires a transfer device to avoid possible injury to power company personnel. Never run a generator in a closed or even partially closed area where people may be present. Engine exhaust contains poisonous carbon monoxide gas that can cause unconsciousness or death. Keep generators at least ten feet away from any building or other equipment during operation. Home generator back-up systems should be installed by a qualified electrician only.

PORTABILITY MEANS VERSATILITY FOR HOME, WORK AND PLAY.



All the generators used with the HP²S systems are TRULY portable. Which means you not only have home back-up power, but also versatile, reliable and quiet power to add to all kinds of recreational activities. Honda generators are also perfect for projects around the home and beyond – anywhere you need to get things done with a safe and convenient source of power.





CONTROL PANEL OF EU6500is.

HONDA GENERATORS

Visit us at honda.com

Please read the owner's manual before operating your Honda Power Equipment. Connection of a generator to house power requires a transfer device to avoid possible injury to power company personnel. Consult a qualified electrician. Specifications subject to change without notice.



All images contained herein are either owned by American Honda Motor Co., Inc., or used under a valid license. It is a violation of federal law to reproduce these images without express written permission from American Honda Motor Co., Inc., or the individual copyright owner of such images. All rights reserved. HONDA, the HONDA GENERATORS logo, Honda generator model names and their trade dress are trademarks of Honda Motor Co., Ltd. used under license by American Honda Motor Co., Inc. Many Honda engine and generator model names, and associated trade dress may be seen at www.honda.com.

©2012 American Honda Motor Co., Inc. C0471