



MANUAL

SERIE OTTIMA

PH 7266 660VA

PH 7288 860 VA

PH7210 1060 VA



www.phasak.com

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EN 1. Important Safety Warning

Please comply with all warnings and operating instructions in this manual strictly. Save this manual properly and read carefully the following instructions before installing the unit. Do not operate this unit before reading through all safety information and operating instructions carefully.

CAUTION! To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area free of conductive contaminants. (See the specifications for the acceptable temperature and humidity range).

CAUTION! To reduce the risk of overheating the UPS, do not cover the UPS' cooling vents and avoid exposing the unit to direct sunlight or installing the unit near heat emitting appliances such as space heaters or furnaces.

CAUTION! Do not attach non-computer-related items, such as medical equipment, life-support equipment, microwave ovens, or vacuum cleaners to UPS.

CAUTION! Do not plug the UPS input into its own output.

CAUTION! Do not allow liquids or any foreign object to enter the UPS. Do not place beverages or any other liquid-containing vessels on or near the unit.

CAUTION! In the event of an emergency, press the OFF button and disconnect the power cord from the AC power supply to properly disable the UPS.

CAUTION! Do not attach a power strip or surge suppressor to the UPS.

CAUTION! Unplug the UPS prior to cleaning and do not use liquid or spray detergent.

CAUTION! Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from batteries.

CAUTION! The battery supply should be therefore disconnected in the plus and minus pole at the quick connectors of the battery when maintenance or service work inside the UPS is necessary.

CAUTION! Internal battery voltage is 12Vdc. Sealed, lead-acid, 6-cell battery.

CAUTION! When replacing the batteries, use the same number and type of batteries.

CAUTION! Do not dispose of batteries in a fire. The battery may explode. Do not open or mutilate the battery or batteries. Released electrolyte is harmful to the skin and eyes.

UNPACKING

The box should contain the following:

- UPS,
- user manual.

OVERVIEW

The UPS provides automatic voltage regulation for inconsistent utility power, and provides battery backup during power outages, and ensures consistent power to your computer system.

HARDWARE INSTALLATION GUIDE

1. Your new UPS may be used immediately upon receipt. However, recharging the battery for at least 8 hours is recommended to ensure that the battery's maximum charge capacity is achieved. Charge loss may occur during shipping and storage. To recharge the battery, simply leave the unit plugged into an AC outlet. The unit will charge in both the on and off position.
2. With the UPS unit off and unplugged, connect the computer, monitor, and any externally powered data storage device (Zip drive, Jazz drive, Tape drive), etc. into the battery power supplied outlets. DO NOT plug a laser printer, copier, space heater, vacuum, paper shredder or other large electrical device into the battery power supplied outlets. The power demands of these devices will overload and possibly damage the unit.
3. Plug the UPS into a 2 pole, 3 wire grounded receptacle (wall outlet). Make sure the wall branch outlet is protected by a fuse or circuit breaker and does not service equipment with large electrical demands (e.g. air conditioner, refrigerator, copier, etc. Avoid using extension cords.
4. Press the power switch to turn the unit on. The power on indicator light will illuminate and the unit will "beep".
5. If an overload is detected, an audible alarm will sound and the unit will emit one long beep. To correct this, turn the UPS off and unplug at least one piece of equipment from the battery power supplied outlets. Wait 10 seconds. Make sure the circuit breaker / fuse is normal and then turns the UPS on.
6. To maintain optimal battery charge, leave the UPS plugged into an AC outlet at all times.
7. To store your UPS for an extended period, cover it and store with the battery fully charged. Recharge the battery every three months to ensure battery life.

FRONT PANEL

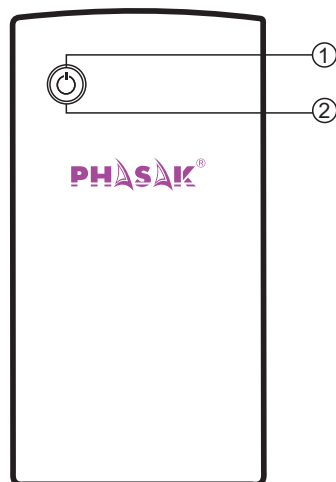
1. Power Switch:

Press the switch for 2 seconds to turn the UPS ON or OFF.

Alarm setting: The audible alarm can be turned OFF or ON by quickly pressing the POWER button twice. The default setting is for the Alarm On. To turn the Alarm Off, quickly press the power button twice. You will hear two short beeps when the Alarm is turned off. To turn the Alarm back on, quickly press the power button twice. You will hear a single short beep when the Alarm is turned on.

2. LED indicators:

This LED is illuminated when the UPS is working.



REAR PANEL

3. Input Power Cord:

Cabo para ligar a uma tomada para fornecer energia á UPS.

4. AC outlet:

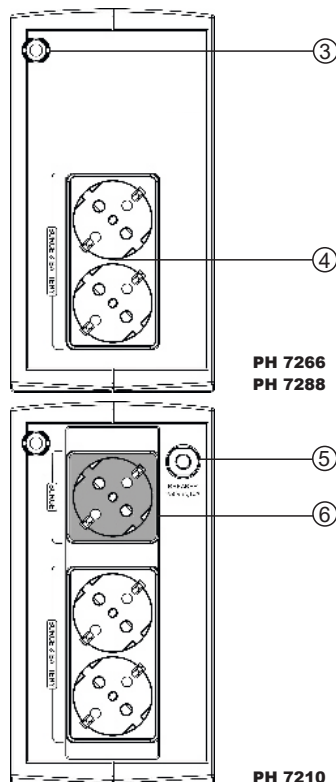
A UPS tem conectores para suporte de energia, para equipamentos conectados, para garantir uma operação ininterrupta temporária durante uma falha de energia e contra picos de corrente ou sobrecargas.

5. Input Circuit Breaker:

The circuit breaker provides overload protection..

6. SCHUKO Connector with system:

Schuko connector with surge protection, without UPS battery power support. In this connector you can connect an equipment for protection only against over voltage such as LCD, Laser printer, etc.



PROBLEM	POSSIBLE CAUSES	SOLUTION
The UPS does not perform expected runtime	Batteries are not fully charged.	Recharge the battery by leaving the UPS plugged in.
	Battery is slightly worn out.	Contact Technical Support.
UPS doesn't turn on	The on/off switch is designed to prevent damage by rapidly turning it off and on.	Turn the UPS off. Wait 10 seconds and then turn the UPS on.
	The unit is not connected to an AC outlet.	The unit must be connected to a 120Vac 50/60Hz outlet.
	The battery is worn out.	Contact Technical Support.
	Mechanical problem.	Contact Technical Support.
Outlets do not provide power to equipment	Circuit breaker is tripped due to overload.	Turn the UPS off and unplug at least one piece connected equipment. Unplug the power cord of the UPS then press the circuit breaker knob.
	Batteries are discharged.	Allow the unit to recharge for at least 4 hours.
	Unit has been damaged by a surge or spike.	Contact Technical Support.

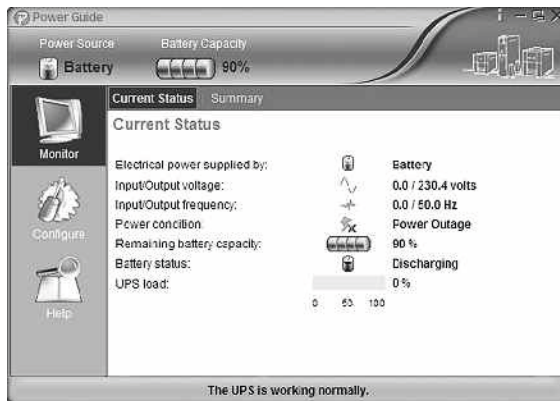
EN 5. Definitions for illuminated LED indicators

LED	Alarm	Condition
On	Off	Normal
Flash	Beep 1 time In Every 30 Seconds	Utility Failure-The UPS is providing battery power to outlets.
Flash	Beep 1 time In Every 2 Seconds	Utility Failure-The UPS is providing battery power. The rapid beeps indicate the battery will run out of power shortly.
On/Flash	Beep 1 time In Every 0.5 Second	Overload-Occurs when connected equipment exceeds the rating of the unit. Turn the UPS off and unplug at least one piece of equipment from the UPS.

Power Guide management software provides a user-friendly interface for your power systems. The graphic user-interface is intuitive and displays essential power information at a glance. Please follow procedure below to install the software.

Installation procedure:

- 1.Download Power Guide from the website: <http://www.phasak.com/download>
- 2.Double-click the file and follow the installation steps. When your computer restarts, the Power Guide software will appear as a blue icon located in the system tray.



EN 7. Technical specifications

MODEL	PH 7266	PH 7288	PH 7210
CAPACITY (VA/W)	660VA / 360W	880VA / 480 W	1060VA / 600W
INPUT			
Voltage Range	230 VAC		
Nominal Frequency	50Hz		
OUTPUT			
On Battery Output Voltage	220-240VAC		
On Battery Output Frequency	50 Hz +/-1%		
Overload Protection	Breaker / Fuse		
BATTERY			
Sealed MaintenanceFree Lead Acid Battery	CB12V-7Amp x1	CB12V-8Amp x1	CB12V-7Amp x2
Typical Recharge Time	8 hours		
WARNING DIAGNOSTICS			
Indicator	Power On/ Using Battery		
Audible alarms	On Battery, Low Battery, Overload, Fault		
PHYSICAL			
Dimensions, (W x H x D)	84 x 159 x 252 (mm)		100 x 189 x 325 (mm)
Weight	3,8kg	4,2kg	6,9kg
ENVIRONMENTAL			
Operating Temperature	0 - 40°C		
Operating Relative Humidity	0 - 90%		
MANAGEMENT			
Auto-Charger	Yes		
Auto-Restart	Yes		



Este SAI PHASAK ha sido objeto de rigurosos controles de calidad y ha superado exhaustivas pruebas en su fabricación.

Antes de utilizar su SAI PHASAK lea atentamente este documento con el fin de beneficiarse de nuestra GARANTÍA COMPLETA "IN SITU" DE DOS AÑOS.

Esta garantía fuera de la Península Ibérica será cubierta en las instalaciones del distribuidor autorizado de la marca PHASAK. En el momento de su recepción, examine el producto y en caso de deterioro del embalaje indíquelo por escrito en el albarán de transporte y comuníquelo inmediatamente a su distribuidor. Tras haber comprobado la correcta instalación de su SAI PHASAK, si éste presentase alguna anomalía en su estado o funcionamiento, llame al siguiente número de teléfono:

☎ 902 364 154 ☎

Con el fin de ofrecerle el mejor servicio los siguientes datos le serán requeridos: Fecha de compra, Modelo, Nº de serie del SAI y fotocopia de la factura de compra. Su nombre, dirección y número de teléfono.

Tras la obtención de dichos datos, un técnico efectuará un análisis de la avería. Si ésta no pudiera ser resuelta telefónicamente, NOS COMPROMETEMOS A EFECTUAR LA SUSTITUCIÓN DE SU SAI. Acudiremos a su domicilio para efectuar el cambio por un SAI en perfecto estado.



Esta UPS PHASAK foi objecto de rigorosos controlos de qualidade e superou provas exhaustivas no seu fabrico.

Antes de utilizar a sua UPS PHASAK leia atentamente este documento a fim de beneficiar da nossa GARANTIA COMPLETA "IN SITU" DE DOIS ANOS.

Esta garantia fora da Península Ibérica será coberta nas instalações do distribuidor autorizado da marca PHASAK. No momento da sua recepção, examine o produto e em caso de deterioração da embalagem indique-o por escrito na guia de transporte e comunique-o imediatamente ao seu distribuidor. Após ter comprovado a correcta instalação da sua UPS PHASAK, se esta apresentar alguma anomalia no seu estado ou funcionamento, ligue para o seguinte número de telefone

☎ 22 999.77.65 ☎

Com o propósito de lhe prestar o melhor serviço serão pedidos os seguintes dados: Data de compra, Modelo, Nº de série da UPS e fotocopia da factura de compra. Seu nome, direcção e número de telefone. Após a obtenção destes dados, um técnico efectuará uma análise da avaria. Se esta não puder ser resolvida telefonicamente, COMPROMETEMO-NOS A EFECTUAR A SUSTITUIÇÃO DA SUA UPS. Será agendada a recolha no seu domicílio e a entrega de uma UPS em perfeito estado.



This UPS has been object to rigorous quality controls and has passed exhaustive tests in its manufacture.

Before using your UPS, please read carefully this document in order to benefit from our FULL WARRANTY. In the very moment of its receiving, please examine your UPS and, in case of packing damage, specify it in the transport delivery note and report it immediately to your distributor. After checking your UPS correct installation, should any anomaly appear in its working or state, please contact us by sending an email to:

info@phasak.com

□ In order to offer you the best service, the following data will be required: Sell date, Model, UPS serial number and invoice photocopy, Your name, address and telephone number.