

Power Series



* PS800B



* PS1000B / PS1500B / PS2200B / PS3000B

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The Power Series are the line interactive pure sinewave UPS designed to meet everyone's needs. The full range capacity covers every possible application demand (from 800VA to 10KVA).

Every Power Series model utilizes digital line interactive technology that incorporates AVR.

AVR is an Automatic Voltage Regulator that Stabilizes all currents from over and under voltages, so that only the most clean and safe currents feed into your equipment.

Every single model is equipped with our full version of OPTI-SAFE control software.

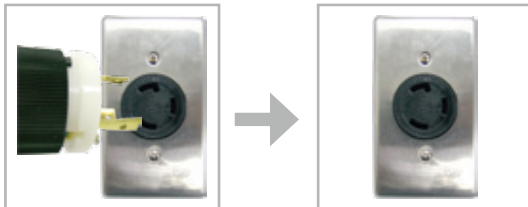
Sine wave represents energy entirely concentrated at a single frequency. The more concentrated the energy is the cleaner and safer the current will be. Fluctuations in energy called sags, brownouts and spikes, are harmful to machines and systems.

Features

- Pure sine wave
- LCD display panel (PS1000B~3000B)
- Software controlled outlets to switch power on / off (PS1000~3000B)
- Higher efficiency
- 4 hours battery recharge time
- 1050 Joules surge energy rating
- Up to 8 battery backup outlets
- RS232 or USB (optional) connectivity
- Cold start from battery
- Smart power management software

Details

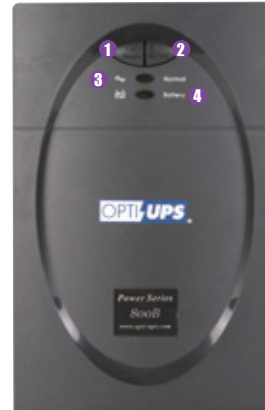
Optional



High capacity UPS like PS2200B / 3000B, PS2200B-RM / 3000B-RM(100V, 110V, 120V) when working with loads close to their maximum capacity, would draw high current from the AC source outlets. This is why these UPS models are equipped with high current power plugs NEMA L5-30P. Assuming that the user might not have such socket available OPTI-UPS bundles the NEMA L5-30R receptacles with PS2200B and PS3000B products

Front Panel

PS800B



- 1 Test, Silence
- 2 On / Off
- 3 Normal
- 4 Battery

PS1000B / PS1500B / PS2200B / PS3000B



- 1 On, Test
- 2 Off
- 3 Select

Power Series

PC & WORKSTATION

SOHO & WORKSTATION

NETWORK & SERVER

DATA CENTER & FACILITY

SOFTWARE

 HOME & OFFICE
APPLIANCES

 FACTORY & AUTOMATION
EQUIPMENT

PS800B / PS1000B / PS1500B / PS2200B / PS3000B

Rear Panel

PS800B



- A** Battery Backup Outlets
- B** Input
- C** Data Line Protection
- D** Communication port
- E** DIP Switch
- F** Circuit Breaker

PS800B Output Voltage

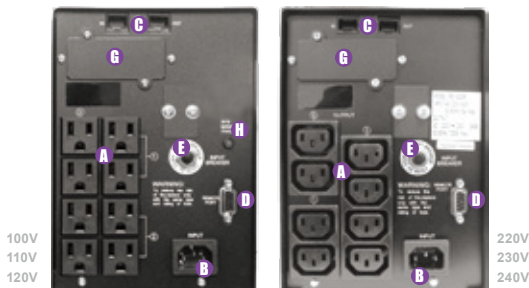
100V / 110V / 115V / 120V

1	ON: DC Start enabled			
2	ON: Green mode function enabled			
	100V	110V	115V	120V
3	ON	ON	OFF	OFF
4	ON	OFF	ON	OFF

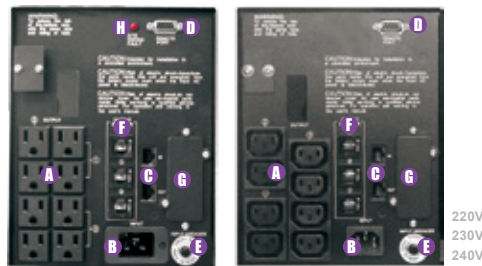
220V / 230V / 240V

1	ON: DC Start enabled		
2	ON: Green mode function enabled		
	220V	230V	240V
3	ON	OFF	OFF
4	OFF	ON	OFF

PS1000B



PS1500B



- A** Battery Backup Outlets
- B** Input
- C** Data Line Protection
- D** Communication port
- E** Input Breaker
- F** Output Breakers
- G** SNMP Card Slot
- H** Site Wiring Fault

PS2200B / PS3000B & Battery Pack



- A** Battery Backup Outlets
- B** Input
- C** Data Line Protection
- D** Communication port
- E** Input Breaker
- F** Output Breakers
- G** SNMP Card Slot
- H** Site Wiring Fault

Power Series

PS800B / PS1000B / PS1500B / PS2200B / PS3000B

Specifications

Model Name	PS800B	PS1000B	PS1500B	PS2200B	PS3000B	
Topology	Line-interactive, Low Frequency					
On-battery Output Waveform	Pure Sine Wave					
Maximum Capacity	800VA / 560W	1000VA / 700W	1500VA / 1050W	2200VA / 1760W	3000VA / 2400W	
INPUT						
Nominal Input Voltage	100 / 110 / 115 / 120Vac or 220 / 230 / 240Vac*	100 / 110 / 120Vac or 220 / 230 / 240Vac*				
Nominal Input Frequency	50Hz / 60Hz Auto Sensing					
Input Voltage Range	Rated Voltage \pm 25%					
OUTPUT						
Nominal Output Voltage	100 / 110 / 115 / 120Vac or 220 / 230 / 240Vac	100 / 110 / 120Vac or 220 / 230 / 240Vac*				
Output Voltage Regulation	Rated Voltage \pm 5% (on battery)					
Transfer Time (typical)	4 ms					
Start on Battery	Yes					
Auto Restart	Yes					
Automatic Voltage Regulation (AVR)	Yes					
Number of Outlets	6 Battery backup (NEMA 15A) 6 Battery backup (IEC 10A)	8 Battery backup (NEMA 15A) 8 Battery backup (IEC 10A)				
PROTECTION						
Data Line Surge Protection	RJ11 / RJ45					
Surge Energy Rating	1050 Joules					
Overload Protection	UPS shuts down at 110% load after 20 secs or 120% load after 5 secs					
Over Current Protection	Circuit Breaker					
Discharge Protection	Keylock					
BATTERY						
Configuration	24V (12V / 5AH \times 2)	24V (12V / 34W \times 2)	36V (12V / 34W \times 3)	48V (12V / 7.2AH \times 4 [^]) / 2 sets	48V (12V / 34W \times 4 [^]) / 2 sets	
Backup Time (Full / Half load)	3 / 7 min	5 / 15 min	5 / 15 min	7 / 26 min	8 / 16 min	
Recharge Time to 90% (Typical)	<4 Hours					
ADVANCED WARNINGS / DIAGNOSTICS						
Front Panel	AC mode / Battery mode	AC mode / Battery mode / Battery Fault / Battery Capacity / Buck Mode / Boost Mode / Load Percentage / Overload				
Audible Alarms	Battery mode / UPS fault / Overload					
COMMUNICATION INTERFACE						
Communication Port**	RS232	RS232 (USB Port is optional) [#]				
ENVIRONMENTAL						
Operation Temperature	0~40°C / 32~104°F					
Storage Temperature	-20~60°C / -4~140°F					
Relative Humidity	0~95% Non condensing					
Audible Noise (AC Mode)	< 40 dBA					
PHYSICAL						
Dimensions	Physical / Packing (in)	12.28 \times 5 \times 7.68 / 15.35 \times 9.06 \times 11.81	17.5 \times 5.5 \times 7.9 / 21.7 \times 10.6 \times 13	17.7 \times 6.7 \times 8.5 / 22 \times 11.8 \times 14.2		
	L\timesW\timesH (mm)	312 \times 127 \times 195 / 390 \times 230 \times 300	445 \times 140 \times 200 / 550 \times 270 \times 330	450 \times 170 \times 215 / 560 \times 300 \times 360		
Weight (Net / Gross)	(lbs)	23.59 / 25.79	33 / 35.3	55 / 59.5	41.9 / 46.3	59.1 / 64.6
	(kg)	10.7 / 11.7	15 / 16	25 / 27	19 / 21	26.8 / 29.3
Battery Pack Dimensions	Physical / Packing (in)	Battery pack included		17.52 \times 6.69 \times 8.46 / 21.65 \times 11.81 \times 14.2		
	L\timesW\timesH (mm)	Battery pack included		450 \times 170 \times 215 / 560 \times 300 \times 360		
Battery Pack	(lbs)	Battery pack included		56.6 / 60.1	59.9 / 63.2	
	(kg)	Battery pack included		25.6 / 27.2	27.1 / 28.6	
CONFORMANCE						
Approvals	UL / cUL, CE, GOST-R			CE, GOST-R		

Specifications are subject to change without notice.

* Models of these nominal voltages are available, however each model is preset to a certain nominal voltage, which is not user-changeable.

** You can purchase RS232 to USB cable.

[^] The external battery pack is included with PS2200B and PS3000B. Battery pack needs to be connected to UPS before connecting any load and turning on the UPS.

[#] The model with optional USB port provides both RS232 and USB connectivity, but only one connectivity can be used at a time.