

# Power Series

For servers and networking environment

PS800B / PS1000B / PS1000B-RM / PS1500B / PS1500B-RM / PS2200B / PS2200B-RM / PS3000B / PS3000B-RM / PS500C / PS700C / PS1000C / PS1250C / PS1500C / PS2000C / PS3000C



\* PS3000B

## PS800B / PS1000B / PS1500B / PS2200B / PS3000B

The PSB Series are the only line interactive pure sinewave UPS designed to meet everyone's needs. Our full line covers every possible application demand. There are five tower models, from PS800B to PS3000B, and four rack-mount models, from PS1000B-RM to PS3000B-RM.

Every PSB model utilizes digital line interactive technology that incorporates AVR.

AVR: (Automatic Voltage Regulator) 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 Xtreme, UPS 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

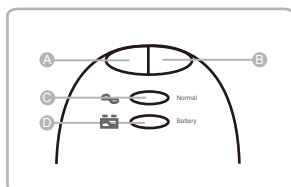
- \* Pure sine wave
- \* LCD display panel
- \* Software controlled outlets to switch power on/off (PS1000~3000B)
- \* Higher efficiency
- \* 4 hours battery recharge time
- \* 1050 Joules surge energy rating
- \* Up to 8 battery backup outlets
- \* RS232 or USB (optional) connectivity
- \* Cold start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

### Backup Time (Typical)

PS800B	1PC+1LCD	26 mins
PS1000B	1PC+1LCD	43 mins
PS1500B	1PC+1LCD	80 mins
PS2200B	1PC+1LCD	240 mins
PS3000B	1PC+1LCD	245 mins

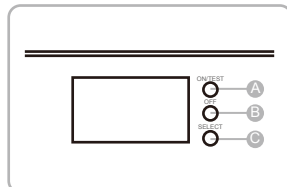
### Front Panel

#### PS800B



- A) Test, Silence
- B) On/Off
- C) Normal
- D) Battery

#### PS1000B / PS1500B / PS2200B / PS3000B



- A) On, Test
- B) Off
- C) Select

### Details

Optional



5-30A

High capacity UPS like PS2200B or PS3000B 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.

## Specifications

Model Name	PS800B	PS1000B	PS1500B	PS2200B	PS3000B
Topology	Line-interactive				
On-battery Output Waveform	Pure Sine Wave				
<b>INPUT</b>					
Maximum Capacity	800VA / 560W	1000VA / 700W	1500VA / 1050W	2200VA / 1760W	3000VA / 2400W
Nominal Input Voltage	100/110/120Vac or 220/230/240Vac				
Nominal Input Frequency	50Hz / 60Hz Auto Sensing				
Input Voltage Range	Rated Voltage +/-25%				
Input Short Protection	Circuit Breaker				
<b>OUTPUT</b>					
Nominal Output Voltage	100/110/115/120 Vac or 208/220/230/240Vac (selectable)				
Output Voltage Regulation (DC Mode)	Rated Voltage +/- 5%				
Transfer Time	4ms (typical)				
Start on battery	Yes				
Auto Restart	Yes				
Number of Outlets	6 Battery backup (US) 6 Battery backup (IEC)		8 Battery backup (US) 8 Battery backup (IEC)		
<b>PROTECTION</b>					
Automatic Voltage Regulation (AVR)	Yes				
Data Line Surge Protection	RJ11 / RJ45				
Surge Energy Rating	1050 Joules				
<b>BATTERY</b>					
User Replaceable Batteries	12V/5AH x 2	12V/34W x 2	12V/34W x 3	12V/7.2AH x 8 <sup>^</sup>	12V/34W x 8 <sup>^</sup>
Typical Backup Time (Full / Half load)**	3 / 7 min	5 / 15 min	5 / 15 min	7 / 26 min	8 / 16 min
Recharge Time to 90%	< 4 Hours				
<b>ADVANCED WARNINGS / DIAGNOSTICS</b>					
Front Panel LEDs or LCD	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				
<b>COMMUNICATIONS INTERFACE</b>					
Communication Port	RS232 <sup>*</sup>	RS232 or USB Port <sup>#</sup>			
<b>ENVIRONMENTAL</b>					
Operating Temperature	0°~40°C / 32°~104°F				
Storage Temperature	-20°~60°C / -4°~140°F				
Audible Noise (AC Mode)	< 40 dBA				
<b>PHYSICAL</b>					
Dimensions (Physical / Packing)	(in) 12.28x5x7.68 / 15.35x9.06x11.81	(in) 17.5x5.5x7.9 / 21.7x10.6x13	(in) 17.7x6.7x8.5 / 22x11.8x13.58		
(L x W x H)	(mm) 312x127x195 / 390x230x300	(mm) 445x140x200 / 550x270x330	(mm) 450x170x215 / 560x300x345		
Weight (Net / Gross)	(lbs) 23.59 / 25.79	(lbs) 33 / 35.3	(lbs) 55 / 59.5	(lbs) 41.9 / 46.3	(lbs) 59.1 / 64.6
	(kg) 10.7 / 11.7	(kg) 15 / 16	(kg) 25 / 27	(kg) 19 / 21	(kg) 26.8 / 29.3
Battery Box (Net / Gross)	(kg) 25.6 / 27.2	(kg) 27.1 / 28.6		(kg) 27.1 / 28.6	
Battery Box Dimensions	(in) 17.5x6.69x8.46 / 21.65x11.81x13.58				
(Physical / Packing) (L x W x H)	(mm) 450x170x215 / 560x300x345				
<b>CONFORMANCE</b>					
Approvals	UL / cUL ; C-Tick , A-Tick ; BSMI ; CE ; GOST-R				

Specifications are subject to change without notice.

<sup>^</sup> Battery unit is included with PS2200B and PS3000B. Battery unit needs to be connected to Master unit before connecting any loads and turning on the UPS

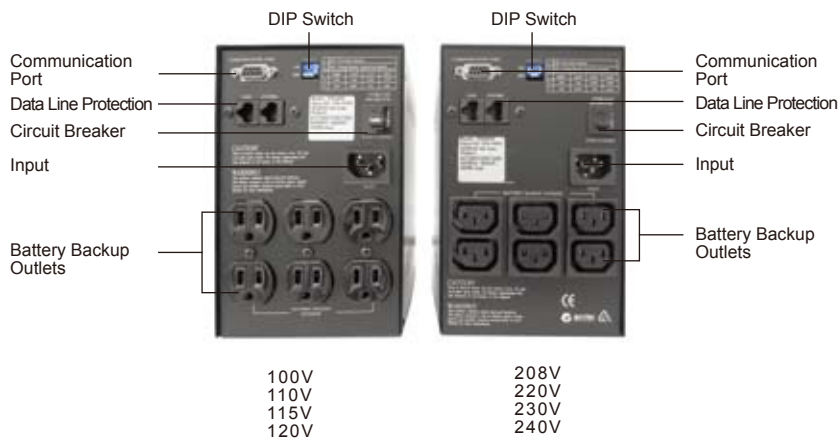
<sup>#</sup> RS232 and USB model provides both RS232 and USB connectivity, but only one connectivity can be used at a time. RS232 model provides only RS232 connectivity, but RS232 can be upgraded to USB connectivity through USB-Serial adapter.

<sup>\*</sup> You can purchase RS232 to USB cable.

<sup>\*\*</sup> Backup time depends on power consumption of equipment attached and on UPS battery capacity. Numbers here are for reference only.



**PS800B**



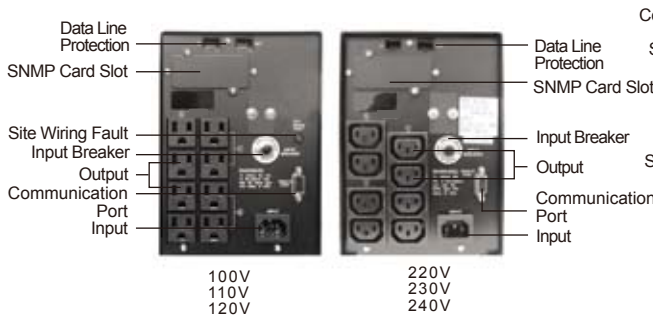
120V

1	ON: DC start enable			
2	ON: green mode function enable			
	100V	110V	115V	120V
3	on	on	off	off
4	on	off	on	off

230V

1	ON: DC start enable			
2	ON: green mode function enable			
	208V	220V	230V	240V
3	on	on	off	off
4	on	off	on	off

**PS1000B**



**PS1500B**



**PS2200B / PS3000B & Battery Pack**



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