

Protect and Serve



True Sinewave

PS-B

Sinewave: 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.

PS-B Series is the only line interactive pure 100% sinewave UPS, designed to meet everyone's needs. Our full line covers every possible application demand. There are six tower models starting from PS500B to PS3000B and three rackmount models from PS1000B-RM to PS3000B-RM.

Every PS-B 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-Xtreme which monitors all current.



PS-B

Features :

Tower Series

- * Pure sinewave
- * LCD display panel
- * Software controlled outlets to switch power on/off
- * Higher power factor
- * 4 hours battery recharge time
- * 1050 Joules energy rating
- * Up to 8 battery backup outlets
- * RS232 or USB connectivity
- * Cold start from battery



TOWER BACKUP TIME (TYPICAL)

PS500B	1PC+1LCD	30 mins
PS800B	1PC+1LCD	35 mins
PS1000B	1PC+1LCD	60 mins
PS1500B	1PC+1LCD	90 mins
PS2200B	1PC+1LCD	190 mins
PS3000B	1PC+1LCD	200 mins

Features :

Rackmount Series

- * Pure sinewave
- * LCD display panel
- * Replaceable / Rechargeable battery
- * 4 hours battery recharge time
- * Higher power factor
- * 1050 Joules energy rating
- * Up to 8 battery backup outlets
- * RS232 or USB connectivity
- * Cold start from battery

RACKMOUNT BACKUP TIME (TYPICAL)

PS1000B-RM	1PC+1LCD	50 mins
PS1500B-RM	1PC+1LCD	80 mins
PS2200B-RM	1PC+1LCD	130 mins
PS3000B-RM	1PC+1LCD	140 mins

▶ PS-B -- REAR PANEL

PS500B / PS800B



120V

230V

PS1000B



120V

230V

PS1500B



120V

230V

PS2200B / PS3000B & battery pack



120V



230V

optional



5-30A

- * PS2200B
- * PS3000B
- * PS2200B-RM
- * PS3000B-RM

▶ PS-B RM -- REAR PANEL

PS1000B-RM



120V



230V

PS2200B-RM / PS3000B-RM



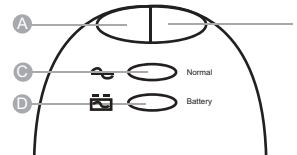
120V



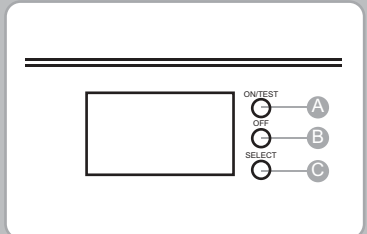
230V

▶ FRONT PANEL

▢ PS-B

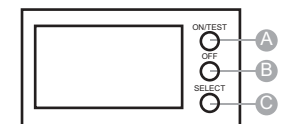


- A) Test, Silence
- B) On/Off
- C) Normal
- D) Battery



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

▢ PS-B RM



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

PS-B



Model Name	PS500B	PS800B	PS1000B	PS1500B	PS2200B	PS3000B				
Topology	Line-interactive									
On-battery Output Waveform	Sine Wave									
INPUT										
Maximum Capacity	500VA / 350W	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									
OUTPUT										
Nominal Output Voltage	100/110/115/120/127Vac 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)							
PROTECTION										
Automatic Voltage Regulation (AVR)	Yes									
Data Line Surge Protection	RJ11 / RJ45									
Surge Energy Rating	1050 Joules									
BATTERY										
User Replaceable Batteries	12V/4.5AH x 2	12V/5AH x 2	12V/34W x 2	12V/34W x 3	12V/7.2AH x 8*	12V/34W x 8*				
Typical Backup Time (Full / Half load)**	4 / 12 min	3 / 7 min	5 / 15 min	5 / 15 min	7 / 26 min	8 / 16 min				
Recharge Time to 90%	< 4 Hours									
ADVANCED WARNINGS / DIAGNOSTICS										
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									
COMMUNICATIONS INTERFACE										
Communication Port	RS232*		RS232 or USB Port#							
ENVIRONMENTAL										
Operating Temperature	0°~40°C / 32°~104°F									
Storage Temperature	-20°~60°C / -4°~140°F									
Audible Noise (AC Mode)	< 40 dBA									
PHYSICAL										
Dimensions (Physical / Packing) (L x W x H)	(in) (mm)	12.28x5x7.68 / 15.35x9.06x11.81 312x127x195 / 390x230x300	17.5x5.5x7.9 / 21.7x10.6x13 445x140x200 / 550x270x330	17.7x6.7x8.5 / 22x11.8x14.2 450x170x215 / 560x300x330						
Weight (Net / Gross)	(lbs) (kg)	21.12 / 23.32 9.6 / 10.6	23.54 / 25.74 10.7 / 11.7	33 / 35.2 15 / 16	55 / 59.4 25 / 27	41.9 / 46.3 19 / 21 25.6 / 27.2 26.8 / 29.3 27.1 / 28.6				
Battery Box (Net / Gross)	(kg)					25.6 / 27.2				
Battery Box Dimensions (Physical / Packing) (L x W x H)	(in) (mm)					17.52x6.69x8.46 / 21.65x11.81x13.58 450x170x215 / 560x300x330				
CONFORMANCE										
Approvals	UL / cUL ; C-Tick , A-Tick ; BSMI ; CE ; GOST-R									

Specifications are subject to change without notice.

^ 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

RS232 and USB model provides both RS232 and USB connectivity, but only one connectivity can be used at the same time. RS232 model provides only RS232 connectivity, but RS232 can be upgraded to USB connectivity thru USB-Serial adapter

* You can purchase RS232 to USB cable.

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



PS-B RM



Model Name	PS1000B-RM		PS1500B-RM		PS2200B-RM	PS3000B-RM
Topology	Line-interactive					
On-battery Output Waveform	Sine Wave					
INPUT						
Maximum Capacity	1000VA / 700W	1500VA / 900W	2200VA / 1540W		3000VA / 2100W	
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					
OUTPUT						
Nominal Output Voltage	100/110/115/120/127Vac 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	8 Battery backup (US)					
	8 Battery backup (IEC)					
PROTECTION						
Automatic Voltage Regulation (AVR)	Yes					
Data line Surge Protection	RJ11 / RJ45					
Surge Energy Rating	1050 Joules					
BATTERY						
User Replaceable Batteries	12V/7.2AH x 3	12V/34W x 3	12V/21W x 8			
Typical Backup Time (Full / Half load)**	6 / 20 min	5 / 18 min	8 / 20 min	6 / 15 min		
Recharge Time to 90%	< 4 Hours					
ADVANCED WARNINGS / DIAGNOSTICS						
Front Panel LEDs or LCD	AC mode / Battery mode / Battery Fault / Battery Capacity / Buck Mode / Boost Mode / Load Percentage / Overload					
Audible Alarms	Battery mode / UPS fault / Overload					
COMMUNICATIONS INTERFACE						
Communication Port	RS232 or USB Port#					
ENVIRONMENTAL						
Operating Temperature	0°~40°C / 32°~104°F					
Storage Temperature	-20°~60°C / -4°~140°F					
Audible Noise (AC Mode)	<40 dBA					
PHYSICAL						
Dimensions (Physical / Packing)	(in)	21.5x16.9x3.3 / 28.6x22.5x8.1		24.2x16.9x3.3 / 31.3x22.5x10.5		
(L x W x H)	(mm)	550x428x84 / 726x571x206		615x428x84 / 796x571x266		
Weight (Net / Gross)	(lbs)	73.7 / 78.54		117.7 / 124.96		
	(kg)	33.5 / 35.7		43.2 / 46.3		
CONFORMANCE						
Approvals	BSMI ; CE ; UL / cUL ; C-Tick, A-Tick ; GOST-R					

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