

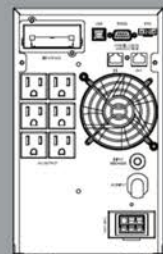
Battery Backup Power

DSP-Controlled On-Line UPS Tower

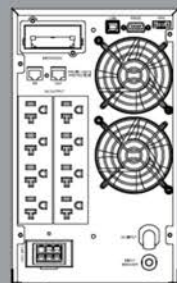
1000VA~3000VA



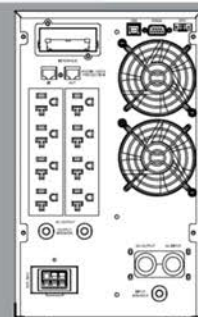
- True On-line Double Conversion Topology
- Advanced DSP Control Technology
- 0.9 Output Power Factor
- Wide Input Voltage Range
- Active Harmonic Current Control
- LCD/LED Display
- Patent Backup Runtime Estimation
- Multiple Operation Mode
- Remote Emergency Power Off (REPO)
- Remote On Off control (ROO)
- Optional Programmable Outlets
- Easy Firmware Flash Upgrade



1 KVA / 1.5 KVA



2 KVA



3 KVA

Specifications

MODEL:	BBP-AR-1000-PSW-ONL	BBP-AR-1500-PSW-ONL	BBP-AR-2000-PSW-ONL	BBP-AR-3000-PSW-ONL	
Input	Phase	Single + G	Single + G	Single + G	Single + G
	Voltage Range**	55-150 Volts AC	55-150 Volts AC	55-150 Volts AC	55-150 Volts AC
	Frequency Range	44-66 Hz (Auto Sensing)	44-66 Hz (Auto Sensing)	44-66 Hz (Auto Sensing)	44-66 Hz (Auto Sensing)
	Input Power Factor	> 0.99 @ 100% Linear Load	> 0.99 @ 100% Linear Load	> 0.99 @ 100% Linear Load	> 0.99 @ 100% Linear Load
	Capacity**	1000 VA / 900 Watts	1500 VA / 1350 Watts	2000 VA / 1800 Watts	3000 VA / 2700 Watts
	Output Voltage***	100/110/115/120/127 VAC	100/110/115/120/127 VAC	100/110/115/120/127 VAC	100/110/115/120/127 VAC
	Output Power Factor	0.9	0.9	0.9	0.9
Output	Output Voltage Distortion	<3% @ 100% Linear Load <7% @ 100% Non-Linear Load	<3% @ 100% Linear Load <7% @ 100% Non-Linear Load	<3% @ 100% Linear Load <7% @ 100% Non-Linear Load	<3% @ 100% Linear Load <7% @ 100% Non-Linear Load
	Output Voltage Regulation	±1%	±1%	±1%	±1%
	Frequency Range	±1 Hz Or ±3 Hz (Selectable)	±1 Hz Or ±3 Hz (Selectable)	±1 Hz Or ±3 Hz (Selectable)	±1 Hz Or ±3 Hz (Selectable)
	Crest Factor	3:1	3:1	3:1	3:1
	Output Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Efficiency	Line Mode	Up To 92%	Up To 92%	Up To 92%	Up To 92%
	High Efficiency Mode	Up To 96.5%	Up To 96.5%	Up To 96.5%	Up To 96.5%
Battery	Battery Type	Maintenance Free Valve Regulated Sealed Lead Acid 12 Volts DC	Maintenance Free Valve Regulated Sealed Lead Acid 12 Volts DC	Maintenance Free Valve Regulated Sealed Lead Acid 12 Volts DC	Maintenance Free Valve Regulated Sealed Lead Acid 12 Volts DC
	Battery Number	2	3	4	6
	Battery Voltage	24 Volt DC BUS	36 Volt DC BUS	48 Volt DC BUS	72 Volt DC BUS
	Recharge Time (to 90%)	4 Hours	4 Hours	4 Hours	4 Hours
Display	LCD measures	Voltage / Frequency / Load Level / Battery Level / Output Current / Estimated Remaining Backup Time			
	Self-Diagnostics	Self Check On Power Up, User Initiated From Front Panel, User Initiated From Software, Or Every 24 Hours (Auto)			
Alarm	Audible or Visual	Line Failure / Low Battery / Transfer To Bypass / System Fault			
Protection	Full Protection	Overload / Over Temperature / Short Circuit / Discharge / Overcharge			
	Multi-Mode	Normal (Line Mode) / ECO / CVCF			
Function	DC start	Yes (Cold Start)			
	Programmable Outlet	Yes			
Physical	Dimensions	154 x 258 x 404	154 x 258 x 404	171 x 288 x 441	192 x 320 x 553
	(WxHxD, mm/inch)	6.1 x 10.2 x 15.9	6.1 x 10.2 x 15.9	6.8 x 11.3 x 17.4	7.6 x 12.6 x 21.8
	Net Weight (kgs/lbs)	12.3 / 27.1	15 / 33.1	21.5 / 47.4	30.5 / 67.2
Environmental	Operation Temperature	0 - 40°C / 32-104°F			
	Operation Humidity	20% - 95% RH (Without Condensing)			
	Altitude	1000 m / 3280 ft Without De-rating			
	Noise Level	≤ 50 dBA @ 1 Meter Away From Front			
Interface	Standard	RS-232, USB, EPO, RJ11-RJ45			
	Option	Dry Contact Relay, SNMP/IP/Network Communication Card			
	Compatible Platforms	Microsoft Windows, Linux, Apple OS, Etc.			
Standards and Certifications***	Safety	UL 1778			
	EMC	FCC Class A			
	Marks	cTUVus, cULus, FCC			

Battery Bank Specifications

Contents****	MODEL:	BBP-AR-1000-PSW-ONL-EBP	BBP-AR-1500-PSW-ONL-EBP	BBP-AR-2000-PSW-ONL-EBP	BBP-AR-3000-PSW-ONL-EBP
Rated Battery Voltage		24	36	48	72
Number of batteries		8	6	8	12
Battery type****		Maintenance Free Valve Regulated Sealed Lead Acid 12VDC 7AH / 9AH			
Dimensions (WxHxD)	mm	171 x 288 x 441	154 x 258.2 x 404	171 x 287.6 x 441	192 x 320 x 553
	inch	6.7 x 11.3 x 17.3	6.1 x 10.2 x 15.9	6.8 x 11.3 x 17.4	7.6 x 12.6 x 21.8

* Specifications subject to change without notice.

** Based on load percentage.

*** The same technical specification products could be sold as different model names in different countries.

**** Battery capacity can be changed

