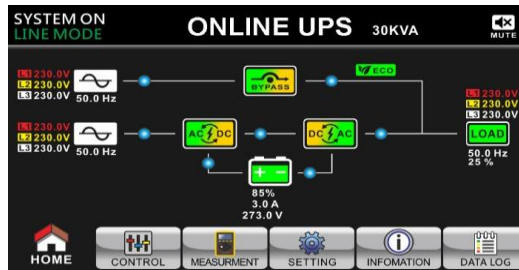- True double-conversion
- DSP technology guarantees high performance
- 4.3" LCD for comprehensive UPS information
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB multiple communications
- 3-stage extendable charging design for optimized battery performance
- Maintenance bypass available
- Parallel operation with commom battery
- Dual AC inputs
- Optional parallel operation

3P/3P LV (UL) 10K~40K ONLINE UPS SELECTION GUIDE					
MODEL	BBP-AR-33-10K	BBP-AR-33-15K	BBP-AR-33-20K	BBP-AR-33-30K	BBP-AR-33-40K
PHASE	3-phase in/3-phase out				
CAPACITY	10KVA / 10KW	15KVA / 15KW	20KVA / 20KW	30KVA / 30KW	40KVA / 40KW
INPUT					
Nominal Voltage	120/208Y Or 127/220Y VAC (3Ph+N)				
Voltage Range	138~270 VAC (3-phase) @ 50% load 173~253 VAC (3-phase) @ 100% load				
Frequency Range	46~54 Hz or 56~64Hz				
Power Factor	≧ 0.99 @ 100% load				
OUTPUT					
Output Voltage	120/208Y Or 127/220Y VAC (3Ph+N)				
AC Voltage Regulation (Batt. Mode)	± 1%				
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz				
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz				
Current Crest Ratio	3:1 (max.)				
Harmonic Distortion	≦ 2 % THD (Linear Load) ≦ 4 % THD (Non-linear Load PF≥0.8)				
Transfer Time — AC mode to Battery mode	zero				
Transfer Time — Inverter to Bypass	zero				
Waveform (Batt. Mode)	Pure Sine Wave				
Overload — AC Mode	100-110% for 1 hr, 110-130% for 1 min, >130% for 1 second				
Overload — Battery Mode	100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second				
PARALLEL CAPACITY	up to 3 units in parallel				
EFFICIENCY					
AC Mode	94%				
ECO Mode	97%				
Battery Mode	93.5%				
BATTERY					
Standard Model — Battery Type	12V/9Ah	12V/9Ah	12V/9Ah	N/A	
Standard Model — Numbers	(10+10)pcs x 1 string Optional for max. 2 strings	(10+10)pcs x 2 strings Optional for max. 3 strings	(10+10)pcs x 3 strings		
Standard Model — Typical Recharge Time	9 hours recover to 90% capacity				
Standard Model — Charging Current (max.)	1A/2A/3A/4A (Adjustable)				
Standard Model — Charging Voltage	+/-136.5 VDC				
Long-run Model — Battery Type	Depending on the capacity of external batteries				
Long-run Model — Numbers	16~20 pcs (Adjustable)				
Long-run Model — Charging Current	4A/8A/12A (Adjustable) Max. 12A	4A/8A/12A (Adjustable) Optional parallel up to Max. 20A		4A/8A/12A/16A (Adjustable) Optional parllel up to Max. 24A	
Long-run Model — Charging Voltage	+/-13.65V*N (N = 8~10)				
INDICATORS					
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				
ALARM					
Battery Mode	Sounding every 4 seconds				
Low Battery	Sounding every second				
Overload	Sounding twice every second				
Fault	Continuously sounding				
PHYSICAL					
Standard Model — Dimension, D X W X H (mm)/(inches)	667x250x827 / 26.5x10x33	865x300x1020 / 34x12x40.25		N/A	
Standard Model — Net Weight (kgs) / (lbs)	95 / 209	181 / 399	231 / 509.5		
Long-run Model — Dimension, D X W X H (mm)	667x250x827 / 26.5x10x33	865x300x1020 / 34x12x40.25		790x420x1200 / 31.5x17x47.5	
Long-run Model — Net Weight (kgs) / (lbs)	45 / 99.5	81 / 179		108 / 238	113 / 249.5
ENVIRONMENT					
Operation Temperture	0-40°C				
Operation Humidity	<95% and non-condersing				
Noise Level	Less than 60dB @ 1 Meter	Less than 70dB @ 1 Meter			Less than 75dB @ 1 Meter
MANAGEMENT					
Smart USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC				
Optional SNMP	Power management from SNMP manager and web browser				

*If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated 1% per 100m.

Product specifications are subject to change without further notice