



- 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 common 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 | zero | | | | |
| Waveform (Batt. Mode) | Pure Sine Wave | | | | |
| Overload | AC Mode: 100-110% for 1 hr, 110-130% for 1 min, >130% for 1 second 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 |
| | 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 | |
| | Typical Recharge Time | 9 hours recover to 90% capacity | | | |
| | Charging Current (max.) | 1A/2A/3A/4A (Adjustable) | | | |
| | Charging Voltage | +/-136.5 VDC | | | |
| Long-run Model | Battery Type | Depending on the capacity of external batteries | | | |
| | Numbers | 16-20 pcs (Adjustable) | | | |
| | Charging Current | 4A/8A/12A (Adjustable) Max. 12A | 4A/8A/12A (Adjustable) Optional parallel up to Max. 20A | 4A/8A/12A/16A (Adjustable) Optional parallel up to Max. 24A | |
| | 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 |
| | 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 |
| | Net Weight (kgs) / (lbs) | 45 / 99.5 | 81 / 179 | | 108 / 238 113 / 249.5 |
| ENVIRONMENT | | | | | |
| Operation Temperature | 0-40°C | | | | |
| Operation Humidity | <95% and non-condensing | | | | |
| 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