

PB0900Li Series High Frequency Online UPS

True online double-conversion technology

Output power factor is 1, kVA/kW

Digital charging design, Adjustable from 1 to 12A

High efficiency, AC to AC 94%

Auto fan speed adjustment

Wide input voltage range, 55Vac to 150Vac

Emergency power off function (EPO)

Generator compatible

LCD/LED display

Battery cold start

Smart RS232/USB port with monitoring software

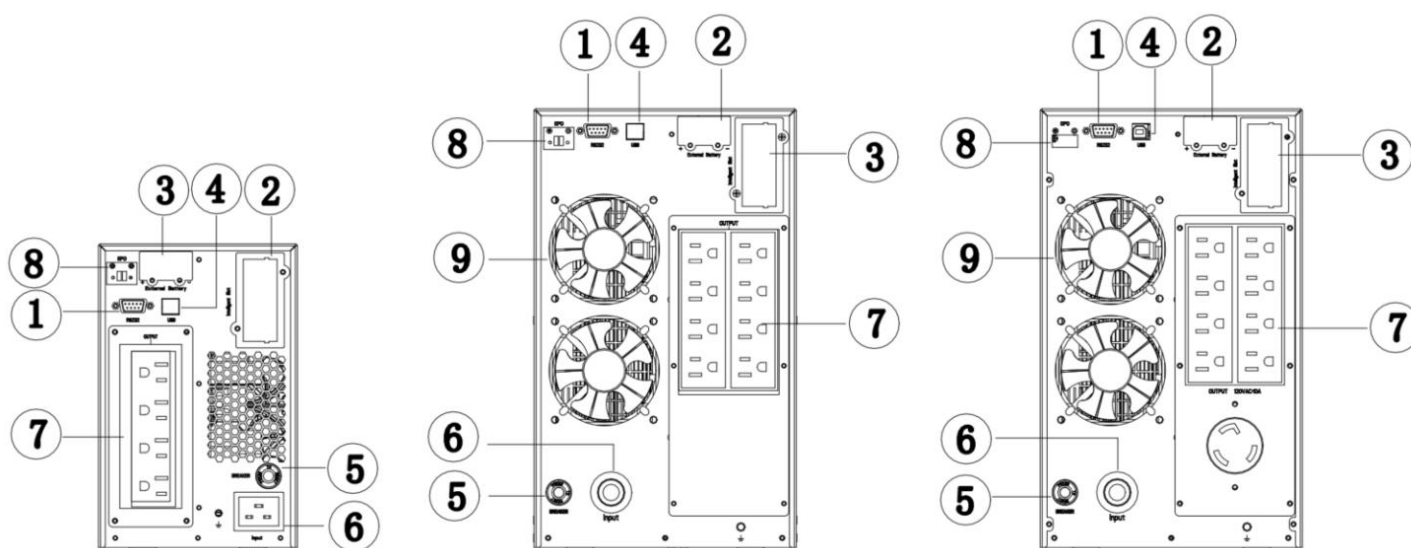
ECO mode operation for energy saving (ECO)

Intelligent slot, support SNMP / RS485 / AS400 card

DSP (Digital Signal Processing) technology guarantees high performance

Advanced PFC (Power Factor Correction) technology, input PF>99%

Built-in LiFePO₄ batteries



- ① RS232 ② Smart Slot ③ External battery connection port ④ USB
⑤ Input over current protection breaker ⑥ AC input ⑦ Output socket
⑧ EPO ⑨ Fan

PBO900Li Series High Frequency Online UPS

Capacity	1kVA/1kW	2kVA/2kW	3kVA/3kW
Rated Voltage	100/110/115/120/127Vac, L+N+PE		
Voltage Range	55~150Vac		
Frequency Range	50/60±6Hz		
Power Factor	≥0.99		
THDi	≤4% (linear load); ≤5% (non-linear load)		
Rated Voltage	100/110/115/120/127Vac, L+N+PE		
Voltage Precision	±1%		
Frequency	50/60Hz ± 0.1%		
THDu	≤2% (linear load); ≤5% (non-linear load)		
Transfer Time	Zero		
Waveform	Pure sine wave		
Crest Factor	3:1		
Overload Capacity (Line Mode)	102%~110% load, 10min; 110%~130% load, 1min; 130%~150% load, 10s; >150% load, 200ms		
Overload Capacity (Battery Mode)	102%~110% load, 1 min; 110%~130% load, 10s; 130%~150% load, 3s; >150% load, 200ms		
Line Mode	93.5%	94.5%	94.5%
Battery Mode	89.5%	92.5%	93.5%
ECO Mode	98%		
Nominal Voltage	24Vdc	48Vdc	72Vdc
Battery Number	12Ah*2pcs	12Ah*4pcs	12Ah*6pcs
Charge Current	1A	1A(1-12A)	1A(1-12A)
Interface	RS232 / USB / SNMP card(optional) /AS400 card/RS485 card(optional)		
Operation Temperature	0~40℃		
Humidity	0~95%(non-condensing)		
Noise	≤50dB@1meter away		
Altitude	Up to 1000m without derating		
Dimensions (W*D*H)mm	145*405*224	190*410*322	190*410*322
Weight (kg)	8.5	14.5	17.6