



High frequency Online tower UPS

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Product specification:

Model		BKH113L/BKH113B 48VDC	BKH116L/BKH116B 48VDC
Capacity		3KVA/2.7KW	6KVA/5.4KW
Input	Input Wiring	L+N+PE	
	Input voltage	208/220/230/240VAC	
	Voltage range	110~300VAC (Load≤50% 110V±3%; Load 100% 176VAC±3 %; 280~300VAC limit power)	
	frequency range	50/60±6Hz, ±10Hz(Settable)	
	Input power factor	≥0.99	
	Input harmonic distortion	≤4% Linear load ≤6% Nonlinear load(PF=0.9)	
Output	Input Wiring	L+N+PE	
	Output voltage	208/220/230/240VAC	
	Output accuracy	±1%	
	output frequency	Online mode: follow the mains frequency, battery mode: 50/60Hz±0.1%	
	Output harmonic distortion	≤2% Linear load ≤4% Nonlinear load(PF=0.9)	
	Onput power factor	0.9	
	Switching time	0ms, ECO to BAT 2ms	

	Overload capacity	Mains mode: 10min@102%~110% Load; 3min@110%~130% Load; 10s@130%~150% Load; 200ms@>150% Load Battery mode: 30s@102%~110% Load; 3s@110%~130% Load; 1s@130%~150% Load 200ms@>150% Load	
Overall efficiency	Mains mode (full load)	95.5%@220VAC	
	Battery mode (full load)	92.5%@48VDC	
Charger	Battery type	Lithium or lead acid battery	
	Charging current	5~20A Settable	5~40A Settable
	Charging mode	Two stage/three stage charging	
Display	LCD interface	2×8PIN/Pitch2.54mm, Support 128 bit segment code, which can support up to 4 keys+4 LEDs, and can display operation mode/load/input/output, etc	
Interface	RS232	5PIN/Pitch2.0mm, Baud rate 2400	
	Expansion slot communication interface	2×5PIN/Pitch2.54mm, Scalable SNMP、USB 、Dry contact card etc	
	Maintenance bypass interface	2PIN/Pitch2.0mm, Dry contact	
	EPO interface	2PIN/Pitch2.0mm, Dry contact	
	Parallel interface	can be Parallel, 2×8PIN/Pitch2.0mm, Up to 9 sets can be connected in parallel (If need parallel, cost is different, it will be add cost, please check price again)	
Battery	Share	can be share battery pack	
Environmental parameters	Operating ambient temperature	0~40℃	
	Operating environment humidity	20%~95% (No condensation)	
	Storage temperature	-15~60℃ (Battery: 0~40℃)	
	Altitude	Altitude shall not exceed 1000m, derating above 1000m, maximum 4000m	
	noise	≤50db	
Physical parameters	UPS without battery deep × wide × high (mm)	398*145*221mm	398*190*318mm
	UPS without battery Weight	8.3kg	10.3kg