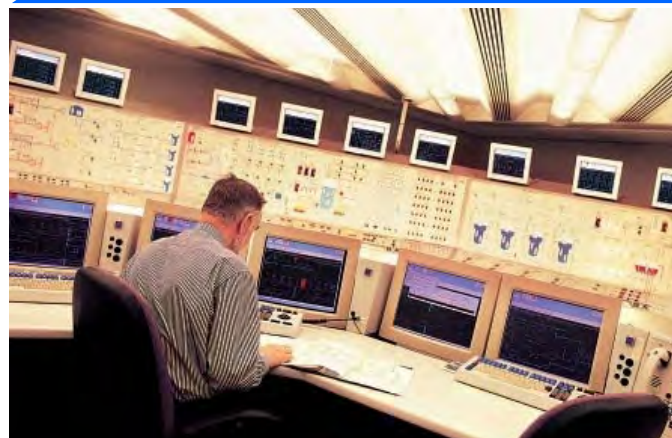


Online UPS ER-Series (Environmental Friendly & Reliable Series) 4-10KVA (1/1)



AVO BEST POWER BP 1000

Application:

Computer/critical servers/data center/hub & other network device/LAN/WAN.

FEATURES & BENEFITS

Advanced DSP
IGBT Inverter & ISO output transformer
Input PF above 0.98
Wide input frequency RANGE
ONLINE BATTERY DETECTING

AVO BP 1000 DSP low frequency UPS is the second generation digital on-line LF UPS. It has been designed to provide an optimized price/performance ratio. A number of exceptional features have been carefully selected and built into the AVO BP 1000 to optimize both performance and cost benefits. The high power protection value of this new generation of this full digital UPS raises AVO BP 1000 to the best-value-in-the-category UPS.

- IGBT Inverter & ISO output transformer
 - Online battery connection detecting
 - Fault problem display (Easy Maintenance)
 - Input power factor above 0.98
 - Wide input frequency range 40-70HZ
 - Large LCD display
 - Cold start and AC start function
- Fully Digital control technology
 - Online double conversion with PFC

Technical Specifications

Model		BP1004	BP1006	BP1008	BP1010
Rating capacity		4KVA	6KVA	8KVA	10KVA
Phase		1:1			
input	P.F	>0.98			
	Rating voltage	200/208/220/230/240VAC			
	Voltage range	Half load 110-285V, full load 160-285v			
	Rating frequency	50Hz/60Hz			
	frequency range	40-70Hz			
	THDi	<5%			
	Soft start	0 to 100% ,3 to 5 seconds			
Charge	Float charge	220VDC			
	Current	5.5A (extendable)			
	Protection	Charge voltage, over current protection, short circuit protection			
Battery	Model	Lead acid maintenance free battery			
	Rating voltage	192V external (or inbuilt 7-9ah)			
O/P	P.F.	0.8(lagging)			
	Phase	L+N+G			
	Rating voltage	200/208/220/230/240VAC			
	Rating frequency	50Hz/60Hz			
	Frequency	< ±0.1Hz in battery mode			
	Voltage	< ±2%(static)			
	Crest factor	3:1			
	Wave distortion	Liner load <3%; Nonlinear load <5%			
	dynamic load voltage instant distortion	Liner load < ±5%(from 0-50%-100%)			
	Dynamic response recover time	<40ms			
	overload capacity	105%~125%10min; 125%~150% 1min; >150%10ms			
	transfer time	0mS(AC-Battery); <4ms(bypass-inverter)			
	System	display	LED+LCD		
Efficiency		100% linear ≥ 90%			
Operate temp		0~40°C			
Humidity		0~90% (non-condensing)			
Cooling		Intelligent fan cooling			
Noise dB		<55 (≤1M)			
Physics	configuration	Tower, IP21			
	Weight (Kg)	60	68	100	128
	Dimension (W×H×D)mm	210×586×563		300×865×580	

● All specifications are subject to change without prior notice
● Custom-made specifications are acceptable



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