

UPS 650VA - 2000VA

Single Phase Tower Type Offline Uninterruptible Power Supply

Model: AK Series



Features:

- Small and delicate
- Wide input voltage range: 86-140VAC or 170-285VAC
- Microprocessor-controlled for reliable operation
- Automatic voltage regulation
- Automatic restart when utility power returns
- Simulated sine wave output, 6 ms transfer time
- Multi-function LCD status display
- RS232 / USB / RJ11 / RJ45 communication
- Short-circuit and full protection
- CE certified and RoHS compliant

Type	Capacity	Transfer	Battery	Display	Approvals
Offline	650-2000VA	6 ms	12V / 24V	LCD	CE RoHS

Applications:

- Personal computer
- Printer
- POS (point of sales) terminals
- Security system
- Fax machine
- Modem, router

Specification:

Model	AK650	AK850	AK1000	AK1200	AK1500	AK2000
Capacity	650VA 390W	850VA 510W	1000VA 600W	1200VA 720W	1500VA 900W	2000VA 1200W
General						
Installation method	Tower type UPS					
Type / Phase	Offline, single phase					
Main topology	L+N+PE					
Protection	Short circuit, full protection					
Certificates	CE, RoHS (Declaration of Conformity)					
Input						
Input voltage	110/120VAC or 220/230/240VAC					
Voltage range	86-140VAC or 170-285VAC					
Input frequency	50/60Hz					
Factor	0.999					
Output						
Output voltage	110/120VAC or 220/230/240VAC					
Voltage range (battery mode)	±10%					
Frequency synchronous range	50Hz or 60Hz ± 1Hz					
Factor	0.6					
Transfer time	6 ms					
Output waveform	Simulated sine wave					
Communication and Management						
Communication interface	RS232 / USB / RJ11 / RJ45					
Control panel	Multi-function LCD, status and display console					
Standard UPS Battery						
Battery type	VRLA					
Charging current	1A					
Battery voltage	12V			24V		
Battery capacity	7AH	9AH	9AH	7AH	9AH	9AH
Machine Data						
Size (mm)	330 x 100 x 150			365 x 140 x 165		
Weight (kg)	5.2	5.7	5.8	11.9	12.6	17
Packing Data						
Size (mm)	390 x 313 x 440			450 x 436 x 250		
Weight (kg)	20.8	22.8	23.2	23.8	25.2	34
UPS per carton	4			2		
Environment						
Operating humidity	20%-95% (no condensing)					
Temperature	-25 to 55°C					
Max. noise at full load (1 m)	< 40 dBA					

Order Information:

Model	Description	Packing
AK650	Offline UPS 650VA / 390W, 12V 7AH VRLA battery	4 units / carton
AK850	Offline UPS 850VA / 510W, 12V 9AH VRLA battery	4 units / carton
AK1000	Offline UPS 1000VA / 600W, 12V 9AH VRLA battery	4 units / carton
AK1200	Offline UPS 1200VA / 720W, 24V 7AH VRLA battery	2 units / carton
AK1500	Offline UPS 1500VA / 900W, 24V 9AH VRLA battery	2 units / carton
AK2000	Offline UPS 2000VA / 1200W, 24V 9AH VRLA battery	2 units / carton

Note: Design & Specification are subject to change without notice.

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