



AP 1KVA - 3KVA

Line Interactive Sine Wave UPS AP Series

AP Series 1KVA - 3KVA (1ph in / 1ph out)



Key Features:

- Pure sine wave output
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Cold start function
- Intelligent battery management
- Short circuit and overload protection
- Off-mode charging
- Offering LED and LCD panels for selection
- Optional USB/ RS232/RJ45/SNMP communication port

Applications:

- TV / FAN / Microwave Oven / Washing Machine
- Air condition
- Refrigerator / Freezer
- Electric Tool
- Servers and Workstations

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Technical Specification:

MODEL	AP1K	AP1KL	AP2K	AP2KL	AP3K	AP3KL
Capacity	1000VA / 700W		2000VA / 1400W		3000VA / 2100W	
INPUT						
Voltage Range	145VAC \pm 5% ~ 275VAC \pm 5%					
Frequency Range	45Hz ~ 65Hz					
Phase	Single-phase grounding type					
Power Factor	\geq 0.99 @ 220 - 230VAC (Input Voltage)					
OUTPUT						
Output Voltage	220VAC					
Frequency Range (Synchronizing Range)	If output is 50Hz and input 47~53Hz, then output is consistent with AC power; If output is 60Hz and input 57~63Hz, then output is consistent with AC power;					
Frequency Range (Battery Mode)	50Hz \pm 0.25Hz or 60Hz \pm 0.3Hz					
Overload	100% - 110%: Only alarm 110%-130%: The UPS system is automatically turned off after 30 seconds More than 130%: The UPS system is turned off immediately					
Current Peak Value Ratio	3 : 1					
Harmonic Distortion	\leq 3% THD (Linear Load) \leq 6% THD (Nonlinear Load)					
Output Waveform	Pure Sine Wave					
EFFICIENCY						
AC Power Mode	85%			88%		
Battery Mode	83%			85%		
BATTERY						
Battery Voltage of Long Run Time Model	36VDC		72VDC		96VDC	
Battery Voltage of Standard Model	24VDC		48VDC		72VDC	
Charge Time	Charge for four hours to 90% capacity (Internal Battery)					
Charge Current	Maximum 1A (Internal Battery)			1A / 2A (External Battery)		
Charge Voltage	27.3V \pm 1% / 41.0V \pm 1%		54.7V \pm 1% / 82.1V \pm 2%		82.1V \pm 1% / 109.4V \pm 3%	
APPEARANCE						
Size:D*W*H(mm)	360*147*220			440*192*340		
Net weight(kg)	11.9	8.5	22	16	27.9	18.2
ENVIRONMENT CONDITIONS						
Working Humidity	20 - 95% RH @ 0 - 40°C (No moisture condensation)					
Noise	Less than 45dBA @ 1m					
MANAGEMENT						
Intelligent RS-232 or USB (Optional)	support Windows 2000 / 2003 / XP / Vista / 2008 / 7, Linux, Umix and MAC					
*Product Specifications are Subject to Change Without Notice.						