

- Auto re-starts when AC power recovers
- Silent operation with configurable buzzer / mute setup
- Automatic battery charging during offline mode
- Battery low-voltage (deep-discharge) protection
- Overload and short-circuit protection
- Intelligent CPU-controlled management
- Optional RJ45/11 and USB
- Wide input voltage range — ideal for unstable power grids
- PWM (simulated sine wave) output in battery mode
- Surge-protected sockets for printers and other peripherals
- Automatic voltage regulation (AVR)



Product Overview

The AKLX Series line-interactive UPS delivers reliable, intelligent power protection for desktop and small-network environments. Built on advanced CPU-integrated control technology, it responds promptly and accurately to every kind of power anomaly — outages, over/under voltage, surges, transients, and spikes — keeping your critical equipment running cleanly and continuously. Equipped with automatic voltage regulation (AVR), automatic restart on mains recovery, and a wide input voltage range, the AKLX Series performs reliably even in challenging grid conditions. Its surge-protected output ports also shield printers and other sensitive peripherals. The modern, user-friendly casing features a front-panel LCD/LED display and a premium grille finish that complements any office, workstation, or retail setup.

Technical Specifications

Model	AKLX-2000	AKLX-3000
CAPACITY	2000VA / 1200W	3000VA / 1800W
INPUT		
Input Voltage	110/120Vac or 220/230/240Vac	
Input Voltage Range	85~150Vac / 175~275Vac	
Frequency Range	60/50Hz (Auto sensing)	
OUTPUT		
Output Voltage	110/120Vac or 220/230/240Vac	
Output Voltage Range	102~132Vac / 200~255Vac	
Output Frequency	60±0.5Hz or 50±0.5Hz (Batt. mode)	
Output Wave Form	PWM (Battery mode)	
Transfer Time	Typical 2-6ms, 10ms max	
BATTERY		
Battery Qty. & Capacity	12V/12AH × 2 pcs	12V/9AH × 4 pcs
Charging Period	4~6 hours to recover 90% capacity	
PROTECTION		
Full Protection	Low voltage, overload & short circuit protection	
PHYSICAL		
Net Weight (kg)	16	20
Unit Dimension (mm)	412x145x210	
ENVIRONMENT		
Operating Temperature	0°C ~ 40°C	
Operating Humidity	20% ~ 90% (non-condensing)	
Noise Level	≤ 40dB (at 1m)	
MANAGEMENT		
Display & Communication	LCD or LED panel; RJ45/11 & USB port (Optional)	
Note: Product specifications are subject to change without prior notice.		

Typical Applications

- **Office & Enterprise:** Desktop PCs, workstations, monitors, printers, scanners
- **Networking:** Routers, switches, NAS, small-network appliances
- **Retail & Hospitality:** POS terminals, cash registers, self-service kiosks, hotel systems
- **Communication:** VoIP phones, small PBX, communication processors
- **Industrial / OEM:** Embedded control systems, automation panels, test & measurement equipment
- **Sectors Served:** Enterprises & SMBs, government, education, scientific research, transportation, national defense, IT