

Line-interactive UPS (Pure Sine Wave)

▼ Main Features

- Double CPU controlled
- Silence function
- Pure sine wave output
- Compatible with generator
- Automatically transferred to battery mode when input over voltage or under voltage
- Output overload and short circuit protection
- Can be connected to external battery for longer power supply
- Powerful charging current for high-capacity battery
- RJ11/RJ45, communication line protection function
- RS232/USB port(optional), intelligent monitoring function



▼ Technical Parameter

Model	AKLS-1K	AKLS-1.5K	AKLS-2K	AKLS-3K	AKLS-5K	AKLS-1KL	AKLS-1.5KL	AKLS-2KL	AKLS-3KL	AKLS-5KL
Capacity	1000VA	1500VA	2000VA	3000VA	5000VA	1000VA	1500VA	2000VA	3000VA	5000VA
	800W	1200W	1600W	2400W	4000W	800W	1200W	1600W	2400W	4000W
DISPLAY										
Indicator panel	LCD display / LED display (Optional)									
AC MODE										
Input voltage	145–275Vac									
Input frequency	45–65Hz									
Output voltage	200–240Vac									
INVERTER MODE										
Output voltage	220V ± 5%									
Output frequency	50 ± 0.5Hz									
Power factor	0.8									
Output wave form	Pure Sine Wave									
Transfer time	Typical 2–6ms, 10ms max									
Overload capability	110% shut down within 60secs.					120% shut down within 5secs.				
Overcurrent protection	System shuts down automatically within 20ms									
BATTERY										
Battery type	Sealed maintenance-free lead-acid batteries									
DC voltage	DC 24V		DC 48V			DC 24V		DC 48V		
QTY. & capacity of battery	12V/7AHX2	12V/9AHX2	12V/7AHX4	12V/9AHX4	12V/17AHX4	External battery				
Charging current	-----					5A / 10A(Adjustable)				
Charging period	6–8 hours recover to 90% capacity					Depends on the batteries connected				
Battery protection point	Adjustable									
PHYSICAL										
Dimension(mm)	384 * 122 * 192		375 * 192 * 330		585*192 *330	345 * 122 * 192		455 * 195 * 330		
Net weight(kg)	9	12.1	22.5	24.5	30	6	8.1	17.3	20.6	26
ENVIRONMENT										
Environment	Temperature 0℃–40℃, Humidity 20%–90%									
Noise level	≤40dB(1m)									
Altitude	≤1000 m (Altitude exceeds 1000m, full power cannot reach)									
MANAGEMENT										
USB & RS232	Optional									