



## General introduction

The AIO All-in-One UPS series, featured with smart microprocessor control design, AVR boost and buck, Smart USB communication interface and cold start function, is an idea solution for protecting household and small office systems. In addition, the UPS is built-in USB charger, which can charge your mobile, PAD, etc.

## Features

- Boost and Buck AVR corrects either under-voltage or over-voltage condition to minimize the usage of battery energy, hence to extend the life of battery
- Built-in USB charger supplies feasible access to recharge your mobile or PAD alone
- With ergonomic cable management design, all the access of the cable is from top only



Two kinds of color LCD display

LED display

- Cold Start Function
- Smart USB Interface for Power management supports real-time power and UPS status monitoring. Automatic shutdown, schedule and many other advance power management functions
- Auto-restart function enables the UPS may be automatically re-started when Utility recovers



Optional socket

- ① AC input
- ② Output socket
- ③ USB communication
- ④ USB charger



Rear Panel

## Technical Specifications

Model	AIO 600		AIO 800	AIO 1K
Capacity	600VA/360W		800VA/480W	1000VA/600W
INPUT				
Voltage	220/230/240Vac			
Voltage Range	162 ~ 290Vac			
Frequency Range	50/60Hz (1 ± 10%) auto-sensing			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	± 10%			
Frequency Range (Batt. Mode)	50/60Hz ± 1Hz			
Transfer Time	Typical 2~6 ms, 10 ms Max.			
Waveform (Batt. Mode)	Simulated Sinewave			
BATTERY				
Battery Voltage	12Vdc			
Battery Type & Number	12V/7Ah × 1	12V/9Ah × 1	12V/10Ah × 1	
Typical Recharge Time	6~8 hours recover to 90% capacity			
INDICATORS				
LED Display(LED version)	AC Mode, Battery Mode, Overload, Fault			
LCD Display(LCD version)	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low			
PROTECTION				
Full Protection	Short circuit, Overload , Overcharge and overdischarge protection			
ALARM				
Battery mode	Sounding every 10 seconds			
Low Battery	Sounding every second			
Overload	Sounding every 0.5 second			
Battery Replacement Alarm	Sounding every 2 seconds			
Fault	Continuously sounding			
MANAGEMENT				
Communication port	USB or RS232(Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC)			
Other				
USB Charger port	5Vdc/1A or 5Vdc/2A type A (For mobile or iPad charging)			
OPERATING ENVIRONMENT				
Humidity	0~90 % RH @ 0~ 40° C (Non-condensing)			
Noise Level	Less than 45dB			
PHYSICAL				
Approx. Dimension (D × W × H)	293 × 202 × 93mm			309 × 202 × 93mm
Approx. Net Weight	Approx. 3.6kg	Approx. 4.9kg	Approx. 6.4kg	
Safety	IEC/EN 62040-1; IEC/EN 60950-1			
EMC	IEC/EN 62040-2; IEC 61000-4-2; IEC 61000-4-3; IEC 61000-4-4; IEC 61000-4-5; IEC 61000-4-6; IEC 61000-4-8			
Performance	IEC/EN 62040-3			

1. Specifications are subject to change without prior notice

2. Data above are typical values for reference only, not as a basis for engineering design

Future Power Store distributeur agréé de produits KSTAR  
 Adresse : Djenane tebib n° 02 GP 388, route du kadous, Birkhadem  
[www.futurepowerstore.com](http://www.futurepowerstore.com)

