

# — UNINTERRUPTIBLE POWER SUPPLY —

## — On-Line UPS —

This power supply is to convert AC into DC through a rectifier even when loaded with commercial AC power while the battery is recharged and DC is converted back to DC by the inverter so that AC power for load is continuously supplied. In case of power stoppage, power is supplied automatically out of the battery to the inverter. This method is considered most efficient to secure the complete uninterrupted in power supply.

### 1. MINI U.P.S(ALS-Series)

#### Feature

- \* The most suitable output voltage can be chosen by the switch operation of the front panel.
- ALS-5KH can be chosen by Dip Switch on rear panel-
- ex.-K type 100V/110V/115V/120V
- KH type 200or208V/220V/230V/240V
- \* PFC supply clean power.
- \* A cooling fan is the stillness sound-type that a speed is adjusted corresponding to the operation.
- \* Unexpected shortage of battery is confirmed in advance.
- \* Information can be exchanged by RS232C and the optional interface card.
- \* A wide input voltage range.
- ex.-K type 85-135V

#### Application

- \* Personal Computer
- \* Server
- \* NC Machine

#### Option

- \* Auto Shutdown Software
- \* AC-Card(Alarm Signal)
- \* SNMP

## - 不间断电源装置 - 在线式UPS -

即使负载的是商业AC电力，该电源供应系统也通过整流器把AC转换为DC，同时电池会再充电，DC被逆变器转换回DC，所以能不断地提供负载的AC电力。万一停电，电池能自动为逆变器提供电力。这被认为是保证电源供应不间断的最有效的方法。

### 1. 迷你U.P.S ( ALS系列 )

#### 特征

- \*通过前面板的开关操作选择最合适的输出电压。
- 通过后面板的程式开关选择ALS-5KH -
- 例如-K型 100V/110V/115V/120V
- KH型 200V/220V/230V/240V
- \* PFC提供清洁能源。
- \*静音型的冷却风扇能根据操作的需求调整速度。
- \*提前确认电池的意外短缺。
- \*信息能在RS232C与可选的适配卡之间进行交换。
- \*输入电压范围宽。

例如-K型 85-135V

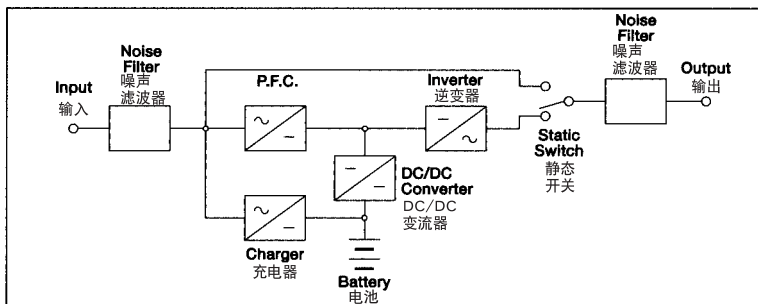
#### 应用

- \*个人电脑
- \*服务器
- \*NC机床

#### 可选项

- \*自动关机软件
- \*AC卡 ( 报警信号 )
- \*SNMP

Block Diagram  
结构图:



ALS-1.5K/ALS-1.5KH



ALS-2K/ALS-2KH



ALS-3KH



ALS-5KH

Model 型号	ALS						
	1.5K	2K	1.5KH	2KH	3KH	5KH	
Capacity(KVA) 容量(KVA)	1.5	2	1.5	2	3	5 (4.8KVA at 200V)	
Phase 相位	Single Phase 单相						
Voltage 电压	100/110/115/120V changeable 可用100V/110V/115V/120V的电压充电			200/220/230/240V changeable 可用200V/220V/230V/240V的电压充电			
Voltage Accuracy 电压精度	less than $\pm 3.0\%$ 小于 $\pm 3.0\%$						
Transient Response 瞬态响应	less than $\pm 8.0\%$ 小于 $\pm 8.0\%$						
Overload Capacity 过载容量	110%100Sec. 150%2Sec. 110%100秒, 150%2秒				120%300Sec. 150%2Sec. 120%200秒, 150%2秒		
Frequency 频率	50/60Hz auto tracking 50/60Hz自动追踪						
Frequency Accuracy 频率精度	less than $\pm 0.3\%$ 低于 $\pm 0.3\%$						
Wave Form 波形	pure sine wave 纯正弦波						
Wave Distortion 波形失真	less than 3.5%(lnear load) 低于3.5% (线性负载)						
Over Current Protection 过电流保护	turn to bypass automatically 自动转移到旁路						
Transfer Time 转换时间	Zero for Line Fails or Reverse / 4mSec. Transfer to Bypass or Reverse 线路故障或反向为0/转换到旁路或者反向为4毫秒						
Crest Factor 峰值因数	300%						
Power Factor 功率因数	0.7						
Backup Time 备份时间	6min.(power factor0.7) 6分钟 (功率因数0.7)		8min.(power factor0.7) 8分钟 (功率因数0.7)		10min.(power factor0.7) 10分钟 (功率因数0.7)		
Phase 相位	Single Phase 单相						
Voltage 电压	85 ~ 135V		170 ~ 276V		173 ~ 270V		
Power Factor 功率因数	98TYP						
Frequency 频率	50/60Hz						
Dimension 尺寸	W(mm) 宽(mm)	154	194	154	194	193	261
	D(mm) 深(mm)	446	487	476	487	516	558
	H(mm) 高(mm)	280	335	280	335	335	659
	Weight (kg) 重量 (kg)	19	30.5	19	30.5	38	95