

## ASU Features and Advantages:

### High Quality

- ① Double Conversion - True On-Line UPS with zero transfer time
- ② IGBT/PWM technology for high efficiency & high reliability.
- ③ Microprocessor Control with fast and precise response
- ④ Pure Sine Wave Output
- ⑤ High input power factor

### Safe

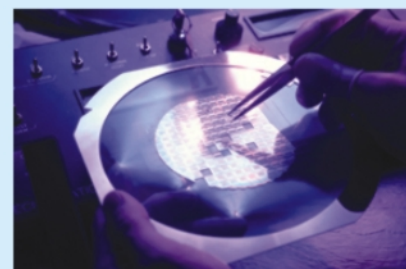
- ① Self test while start of the UPS
- ② Cold start function - The UPS can be started with battery for emergent power on
- ③ Protection against all types of power problems
- ④ Site wiring fault warning (1~3KVA)
- ⑤ Built-in maintenance bypass switch (6~20KVA)
- ⑥ Meet EN50091-2 & IEC61000-4 Standards

### Flexibility

- ① Parallel function ( 3 pcs Max for 6 ~ 20KVA)
- ② RS-232 & Intelligent slot communication port
- ③ Wide input voltage range to support major brands of generators

### Easy

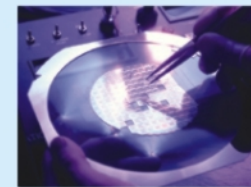
- ① Sealed lead-acid maintenance free battery & Expandable (Option).
- ② Intelligent LED or LCD display for operation guide & UPS working status.
- ③ Compact size and easy to move & space-saving.



## APPLICATION & SERVICE

AC Power Corp offers products widely applied in multi-professional fields and provides the best power solutions to customers. Our mission is to satisfy customers' demand by considering the whole conditions including power environment, loading allocation, module solution alternative, thoughtful design, efficient manufacturing, and complete maintenance.

### Application



Semiconductor



Office IT Equipment



Control Room



SMT Equipment



Electronic & Medical Equipment



Production Line



Satellite & Communication Equipment



Airport Control Tower Facilities



Petrochemistry

### Industrial Field

- FA (Factory Automation)
- Semiconductor
- Production Process & Control Equipment
- SMT / PCB / AI Equipment
- CNC Machine
- Auto-Test Equipment
- Product Research & Development
- Printing Industry
- Electronic Testing & Measuring Equipment
- Turnkey Equipment
- Power Plant (Station)

### Computer Peripherals

- Industrial PC
- Net Work Workstation
- CAD/CAM/CAE Workstation
- Unix Servers/Workstations
- Server/Data Storage System
- EDP (Electronic Data Processing) Center

### IT Field

- Office IT Equipment
- Office System
- Information Appliances
- P.O.S. System
- P.O.S. Terminal
- Home Electrical Appliances

### Communication

- Optical Fiber Communication (OFC)
- Coaxial cable TV system & Components
- ADSL
- Control Room
- Satellite & Communication Equipment
- Lan Server
- Radio Communication Equipment & System

### Others

- Medical Monitoring System
- Electronic & Medical Equipment
- Military System Diagnostics
- Airport Control Tower Facilities
- Biotechnology
- Gas Station
- Opto-electronic Industry
- General Laboratory
- Petrochemistry
- Elevator

The Power You Can Trust!



**INDUSTRIAL Grade True  
On-Line UPS**

**ASU Series 1~20KVA**



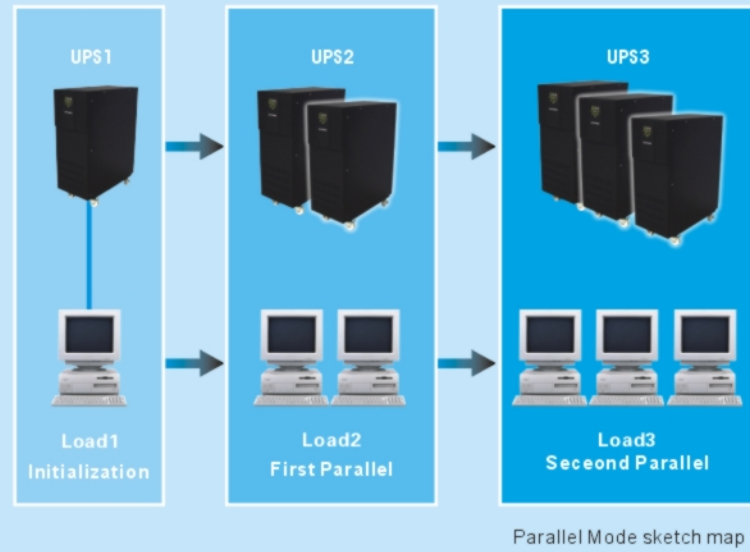
Professional Power Solution Provider



### Parallel Mode ( 6KVA-20KVA )

Parallel Mode will help and let you consider the current power requirement only when you are working out or designing your power system. You don't need to worry about the future power requirement.

If the power requirement increases in the future, you only need to buy the extra UPS units and parallel connection them to the original UPS system. This unique parallel function can decrease lots of your wasting investment, and is flexible for your future expansion.



### Complete Monitor & Communication Function

With the smart RS-232 and intelligent slot communication interface, you can achieve and execute global management and centralize the monitor and remote control function via the internet. There are several options: AS400 interface, Winpower CMC interface, and WebPower SNMP/WEB Agent Card. You can choose it according to your requirement.

#### AS400 Interface

It supports the IBM AS400 standard communication protocol. You can use it as the Remote Display, including audio alarm and light display.

#### WinPower CMC card

WinPower is a brand new UPS monitoring software, which provides user-friendly interface to monitor and control your UPS. This unique software provides safely auto shutdown for multi-computer systems while power failure. With this software, users can monitor and control any UPS on the same LAN no matter how far from the UPSs.

#### WebPower SNMP/WEB Agent Card

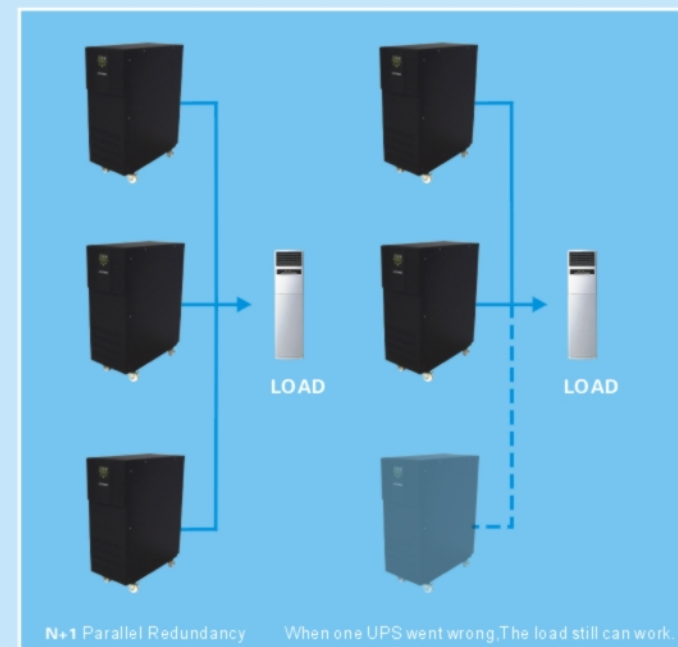
WebPower card can let you remote monitoring of the UPS through any server or workstation via TCP/IP network. It also provides a reasonable security mechanism to fulfill the availability of monitoring a UPS via Internet/Intranet.

### N+1 Parallel Redundancy Mode ( 6KVA-20KVA )

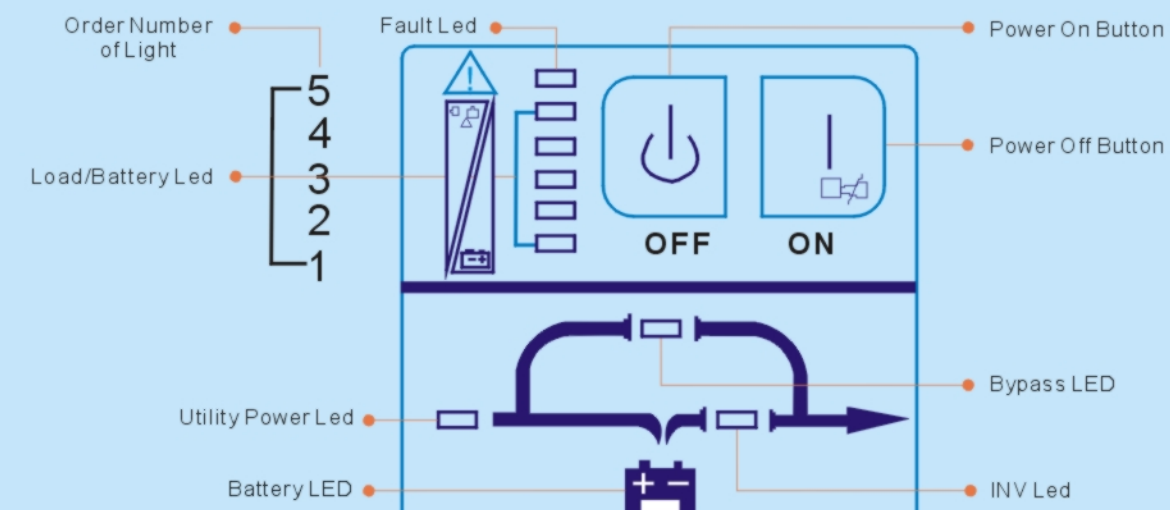
Parallel & Power Redundancy function means having an extra UPS to protect your important equipments. When you plan your UPS of power system, you can add one more unit of UPS.

If one of the UPS of the power system is failed, your system will get the support from the extra UPS. So, your valuable equipments will have the most complete and reliable protection.

Besides, with the advanced load sharing technology of ASU series, each ASU UPS under the parallel operation will share the loading equally. Therefore, with the Parallel & Power Redundancy function you can both increase the reliability of your system and the life of UPS.



### Faceplane's use



ASU -

1  
Input  
Phase

1  
Output  
Phase

003  
Capacity  
3KVA



### On-Line UPS ASU Series

Model	ASU-11001	ASU-11002	ASU-11003	ASU-11006	ASU-11010	ASU-31010	ASU-31015	ASU-31020		
Capacity	1KVA	2kVA	3kVA	6kVA	10kVA	10kVA	15kVA	20kVA		
Input(AC)	Single Phase			Three Phase						
	110V/220V(1 kVA,2kVA,3kVA)					220V/380V				
	46Hz~54Hz		46Hz~54Hz			46.5Hz~55Hz				
	0.97		0.97		0.98		0.97		0.95	
Output(AC)	Single Phase			Three Phase						
	110V/220V(1 kVA,2kVA,3kVA)					220V				
	±2%					±1%		±3%		
	46Hz~54Hz(Line mode); 50±0.2Hz(Battery mode)					46.5Hz~55Hz(Line mode); 50Hz±0.5%(Battery mode)				
	0.7									
	≥85%(Line mode) ≥63%(Battery mode)		≥85%(Line mode) ≥83%(Battery mode)		≥88%(Line mode) ≥88%(Battery mode)		≥85%(Line mode)			
	Pure Sine Wave									
	≤6%(at none linear load) ≤3%(at linear load)		7%(at none linear load) 4%(at linear load)		6%(at none linear load) 2%(at linear load)		≤5%(at none linear load) ≤7%(at linear load)			
	3:1									
	Battery	Sealed lead acid battery, maintenance free								
36V		96V		240V						
12V / 7.2AH		12V / 7.2AH		12V / 7AH		12V / 7AH				
3		8		20		20X2				
>5min		>9min		7min		8min				
Transfer Time	0ms			0ms						
	<4ms			0ms						
Indicator	LED: Bypass Mode(line/bypass LED); Line Mode(line/inv/load level LED); Battery Mode(bat/inv/load battery level LED)									
Overload Capability	108%±5%~150%±5%(30s); ≥150%±5%(300ms)(1k,2k,3k)		≥105% <130%(10ms)		105%~130%(10ms);>130%(1s)					
	112%±5%~150%±5%(30s); ≥150%±5%(300ms)(1k,2k,3k)		≥130%(10ms) Load≥130%(1s)		>105%(1s)					
Protection	Low Alarm Voltage; Shut Down Voltage; DC Current Protection; Over Voltage Protection; Over Discharge Protection; Battery Leakage; Short Circuit									
Audible Alarm	Battery Low/Charger Fault; Battery Mode; Bypass; UPS Fault; Over Load									
Audible Noise (1 meter)	<45dB		<50dB		<55dB		<70dB			
Communication Interface	Rs232(WINPOWER 2000); INTELLIGENT SLOT(WEBPOWER card/AS400 card)				Rs232(UP S--PC); INTELLIGENT SLOT(UP S--INTELLIGENT--PC)					
Cooling System	Fan cooling									
Environment	0°C~40°C; 0°C~35°C				0°C~40°C					
	<95%				20%~90%					
	<1500m; 1500m~3000m				<1500m					
Case Number	①		②		③					
Size (mm) Width x Depth x Height	Machine Dimension 145x400x220		192x460x348		260x717x570					
	Packing Dimension 240x495x330		330x590x475		430x845x700					
Weight (Kg)	13		31.5		32		84		108	102
	14		33.5		34		93		185	

① As to the required voltage, please refer to form 1.  
② One year warranty.  
③ Custom-made specifications are discussible.  
④ All specifications are subject to change without prior notice.