

LINE INTERACTIVE UPS

AUP SERIES UPS 400VA-1000VA LED DISPLAY



Main Features

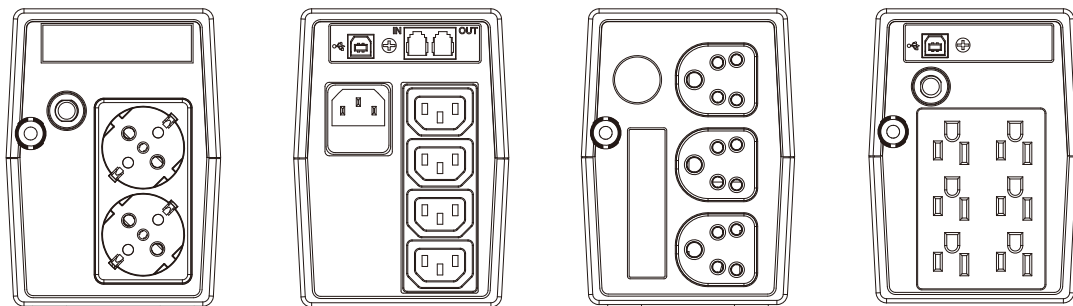
- Built super smart charger, shorten charging time;
- Boost and buck AVR for voltage stabilization;
- Simulated sine wave;
- Auto restart while AC is recovering;
- Power-on self test;
- Built-in self-diagnostic function;
- Off mode charging function;
- Intelligent battery management;
- Optional no-load shut down;
- Humanized alarm system;
- Compatible with generator set (optional);

Applications:



Rear Panel

- AC input;
- Output Socket(selectable);
- TEL/Modem/Fax surge protection(RJ11/RJ45) (optional);
- USB/RS232 communication (optional);
- AC Fuse/Breaker (optional).



LINE INTERACTIVE UPS

Specifications

MODEL	AU2045P-12VDC	AU2065P-12VDC	AU2085P-12VDC	AU20100P-12VDC
Capacity	450VA/240W	650VA/360W	850VA/480W	1000VA/600W
INPUT				
Voltage	110/120 VAC or 220/230/240 VAC			
Voltage Range	81-145VAC or 162-290VAC			
Frequency Range	60/50 Hz (Auto sensing)			
OUTPUT				
Voltage	110/120 VAC or 220/230/240 VAC			
AC Voltage Regulation (Bat Mode)	±10%			
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz			
Transfer time	Typical 2-6ms			
Waveform (Bat Mode)	Simulated Sine Wave			
BATTERY				
Battery Type&Number	12V 4.5Ah*1	12V 7Ah*1	12V 9Ah*1	12V 9Ah*1
Floating Charging Voltage	13.7VDC			
Charging ability	4-6 hours recover to 90% capacity			
PROTECTION				
Full protection	Short circuit, Overload, Battery discharge and overcharge, Surge protection			
INDICATIONS				
Line mode	Green lighting			
Battery mode	Yellow flashing			
Fault	Red lighting			
ALARM				
Battery mode	Sounding every 10 seconds			
Low battery	Sounding every second			
Overload	Sounding every 0.5 seconds			
Fault	Continuously sounding			
COMMUNICATIONS				
USB/RS232/SNMP (options)	Supports Windows 2000/2003/XP/Vista/2008, Windows 7/8 Linux Unix and MAC			
ENVIRONMENT				
Humidity	0-90% Relative Humidity 0-40 °C (Non-condensing)			
Noise Level	Less than 40dB			
Dimension, D*W*H(mm)	297*101*142			
Net Weight (kgs)	3.7	4.2	4.9	4.9
QTY/20FT	2300PCS without Pallet		1600PCS with Pallet	
QTY/40GP	4700PCS without Pallet		3360PCS with Pallet	
QTY/40HQ	5700PCS without Pallet		3780PCS with Pallet	

※ All Specifications are subject to change without notice.
Custom-made specifications are acceptable.

**AUS SERIES
UPS 400VA-3000VA LED
DISPLAY**



Main Features

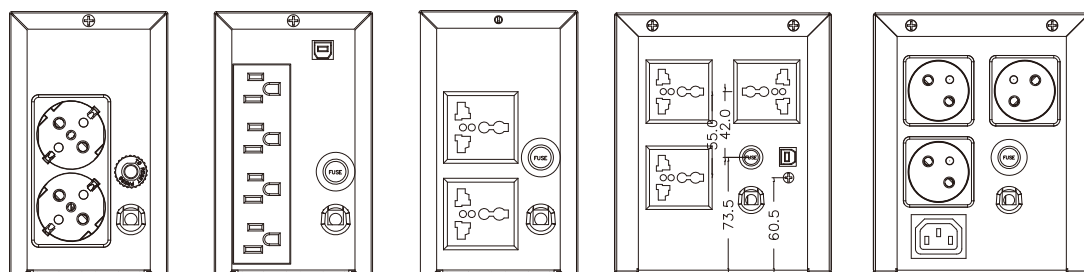
- LCD display or LED display for option;
- Excellent microprocessor control optimizes reliability;
- Built super smart charger, shorten charging time;
- Boost and buck AVR for voltage stabilization;
- Simulated sine wave;
- Auto restart while AC is recovering;
- Power-on self test;
- Built-in self-diagnostic function;
- Off mode charging function;
- Intelligent battery management;
- Optional no-load shut down;
- Humanized alarm system;
- Compatible with generator set (optional);

Applications:



Rear Panel

- AC input;
- Output Socket(selectable);
- TEL/Modem/Fax surge protection(RJ11/RJ45) (optional);
- USB/RS232 communication (optional);
- AC Fuse/Breaker (optional).



Specifications

MODEL	AU2045S	AU2065S	AU2085S	AU2100S	AU2120S	AU2150S	AU2200S	AU2300S
Capacity	450VA/ 240W	650VA/ 360W	850VA/ 480W	1000VA/ 600W	1200VA/ 720W	1500VA/ 900W	2000VA/ 1200W	3000VA/ 1800W
INPUT								
Voltage	110/120 VAC or 220/230/240 VAC							
Voltage Range	81-145VAC or 140-300VAC							
Frequency Range	60/50 Hz (Auto sensing)							
OUTPUT								
Voltage	110/120 VAC or 220/230/240 VAC							
AC Voltage Regulation (Bat Mode)	±10%							
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz							
Transfer time	Typical 2-6ms							
Waveform (Bat Mode)	Simulated Sine Wave							
BATTERY								
Battery Type&Number	12V*4.5Ah*1	12V*7Ah*1	12V*9Ah*1	12V*7Ah*2	12V*7Ah*2	12V*9Ah*2	12V*9Ah*2	12V*9Ah*2
Charging ability	4-6 hours recover to 90% capacity							
PROTECTION								
Full protection	Short circuit, Overload, Battery discharge and overcharge, Surge protection							
INDICATIONS								
LED indicator	AC Mode	Green lighting						
	Battery Mode	Yellow flashing						
	Fault	Red lighting						
Battery mode	Sounding every 10 seconds							
Low battery	Sounding every second							
Overload	Sounding every 0.5 seconds							
Fault	Continuously sounding							
Dimension, D*W*H(mm)	320*90*150			370*138*165			370*138*165	
	466*138*165							
Net Weight (kgs)	3.7	5.4	5.8	9	9.5	10.5	11.3	12.3
QTY/20FT	1920PCS with Pallet	1600PCS with Pallet		960PCS with Pallet				
QTY/40GP	4032PCS with Pallet	3360PCS with Pallet		2016PCS with Pallet				
ENVIRONMENT								
Humidity	0-90% Relative Humidity 0-40 °C (Non-condensing)							
Noise Level	Less than 40dB							
COMMUNICATIONS								
USB/RS232/SNMP (options)	Supports Windows 2000/2003/XP/Vista/2008,Windows 7/8 Linux Unix and MAC							

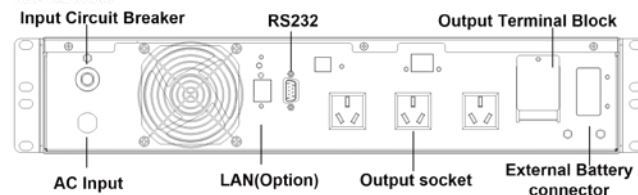
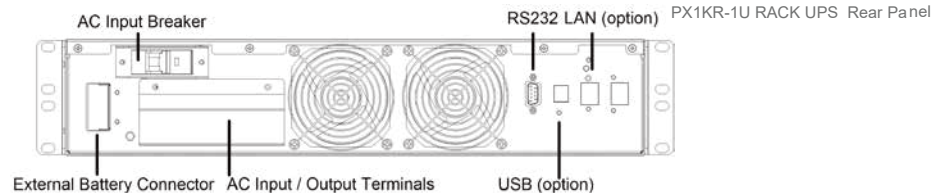
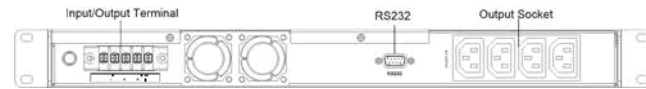
※ All Specifications are subject to change without notice.
Custom-made specifications are acceptable.

AUR SERIES RACK-MOUNT ONLINE UPS 1KVA-10KVA LCD DISPLAY



Main Features

- Double conversion online UPS;
- High Performance DSP based full digital controlled, Pure Sinewave output;
- Having frequency converter operating mode;
- Wide input voltage range, work well with different power quality;
- Compatible with most generators set;
- Embedded input power factor corrector, avoid reactive power loss, saving power for user;
- Having ECO mode. Enable best balance between energy saving and power protection;
- Good loading adaptability, work well with laser printer, Ultrasonic cleaner;
- Make with strong glass fiber base double side PCB (FR4), avoid dry solder, strong anti-vibration/anti-humidity/anti-dust capability;
- Small profile, save installation space for user;
- Accept deep customer-oriented, perfect match customer application requirement;
- Attractive performance-cost ratio.



PX1/2KR(L) RACK UPS Rear Panel

Applications

- IT infrastructure: small server and workstation, router and switch, monitoring equipment;
- Automation system: ATM, TVM, SCADA, Railway and Metro signal system;
- Office and Business Equipment: PC, Printer, Scanner, POS, Telephones and Fax.

Specifications

Model	AU701-R	AU701-R	AU702-R	AU702-R	AU703-R	AU703-R	AU706-R	AU7010-R
Capacity	VAW		1KVA/900W	2KVA/1.8KW	3KVA/2.7KW		6KVA/5.4KW	10KVA/9KW
Topology	Double Conversion Online UPS							
Phase	Single Phase Input Single Phase Output							
Mains Input	Wiring	L/N+PE						
	Rated Voltage	208/220/230/240VAC						
	Voltage Range	90~300VAC						
	Frequency Range	40Hz~70Hz						
	Input Power Factor	≥0.99						
AC Output	Wiring	L/N+PE						
	Output Voltage	208/220/230/240VAC						
	Voltage Regulation	±1%						
	Output Frequency	50/60±4Hz(Sync Mode) / 50/60Hz±0.1%(Free Run)						
	Waveform	Pure Sine Wave						
	Distortion (THDV%)	<2%(Linear Load) <7%(None-Linear Load)						
	Over load capability	1Min@105%~125%Rated Load 30Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load						10Min@105%~125%Rated Load 60Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load
Efficiency	Line mode	88%		89%		90%		93%
	Battery Mode	86%		87%		88%		91%
Battery & Charge	Rated Battery Voltage ^①	24VDC Internal	36VDC External	48VDC Internal	72VDC External	72VDC Internal	72VDC External	192/240VDC External Battery
	Battery Capacity	12V/7AH X2pcs	External Battery Depends	12V/7AH x4pcs	External Battery Depends	12V/7AH X6pcs	External Battery Depends	External Battery Depends
	Backup Time	>6mins @ Half Load	External Battery Depends	>6mins @ Half Load	External Battery Depends	>6mins @ Half Load	External Battery Depends	External Battery Depends
	Charging Current	Standard Model with Internal Battery:1A Long Backup Time Model :4A						Long Backup Time Model :4A
	Optional Configuration to Order	4. External Battery Module Connector for Standards Model 5. Battery Capacity 7AH/9AH 6. Battery Quantity(2/4/6pcs) or (3/6/6pcs)						
Physical	Chassis Style	Rack-Mounted						
	Rack Dimension	1KRL/2KRL/3KRL/1KR/2KR: 440mm(W) x 88mm(2U)(H) x 400mm(D) 3KR-4B : 440mm(W)x88mm(2U)(H)x500mm(D) 3KR-6B : 440mm(W)x88mm(2U)(H)x612mm(D)						UPS: 440mmx 88mm(2U) x 500mm without Internal Battery Battery Pack: 438mm x 132mm x 500mm
	Weight (kg)	11.9kg	6.9kg	16.5kg	7.3kg	23.8kg	8.7kg	6KRL : 14.6kg 10KRL : 15.0kg Battery Pack: 7AHx16pcs: 39kg
Operating Environment Endurance	Temperature range	-10~50°C						
	Relative Humidity	0-98% (Non-condensing)						
	Acoustics Noise	<55dB @ 1 meters						

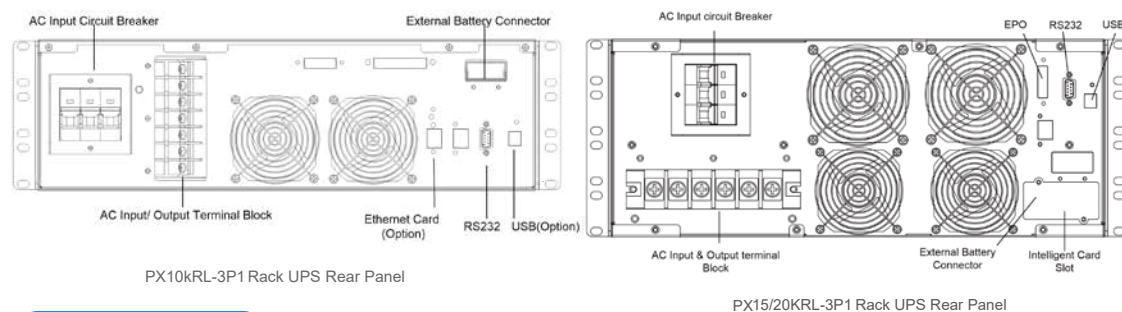
※ All Specifications are subject to change without notice.
Custom-made specifications are acceptable.

AUR3/1 SERIES RACK-MOUNT ONLINE UPS 10KVA-20KVA LCD DISPLAY



Main Features

- Double conversion online UPS;
- High Performance DSP based full digital controlled, Pure Sinewave output;
- Having frequency converter operating mode;
- Wide input voltage range, work well with different power quality;
- Compatible with most generators set;
- Embedded input power factor corrector, avoid reactive power loss, saving power for user;
- Having ECO mode. Enable best balance between energy saving and power protection;
- Good loading adaptability, work well with laser printer, Ultrasonic cleaner;
- Make with strong glass fiber base double side PCB (FR4), avoid dry solder, strong anti-vibration/anti-humidity/anti-dust capability;
- Small profile, save installation space for user;
- Accept deep customer-oriented, perfect match customer application requirement;
- Attractive performance-cost ratio.



Applications

- IT infrastructure: small server and workstation, router and switch, monitoring equipment;
- Automation system: ATM, TVM, SCADA, Railway and Metro signal system;
- Office and Business Equipment: PC, Printer, Scanner, POS, Telephones and Fax.

Specifications

Model		AU7010R-192-VDC-3/1	AU7015R-192-VDC-3/1	AU7020R-192-VDC-3/1
Capacity	VA/W	10KVA/9KW	15KVA/13.5KW	20KVA/18KW
Topology		Double Conversion Online UPS		
Phase		Single Phase Input Single Phase Output OR 3 Phases Input Single Phase Output		
AC Mains Input	Wiring	Single Phase L/N+PE OR 3 Phases (L1,L2,L3,N)/N+PE		
	Rated Voltage	208/220/230/240VAC		
	Voltage Range	Line-Neutral 90~300VAC Line-Line 150~500VAC		
	Frequency Range	40Hz-70Hz		
	Input Power Factor	≥0.99		
AC Output	Wiring	L/N+PE		
	Rated Output Voltage	208/220/230/240VAC		
	Voltage Regulation	±1%		
	Output Frequency	50/60±4Hz(Sync Mode) / 50/60Hz±0.1%(Free Run)		
	Waveform	Pure Sine Wave		
	Distortion (THDV%)	<2%(Linear Load) <7%(None-Linear Load)		
Efficiency	Over load capability	10Min@105%~125%Rated Load 60Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load		
	Line mode	>94%		
Battery & Charge	Battery Mode	>92%		
	Rated Battery Voltage	192/240VDC External Battery		
	Battery Capacity	External Battery Depends		
	Backup Time	External Battery Depends		
Physical	Charging Current	Long Backup Time Model :4A / 8A (Optional)		
	Chassis Style	Rack-Mounted		
	Rack Dimension	PX10KRL-3P1: 440(W) x 132(3U)(H) x 502(D)mm PX15KRL-3P1/PX20KRL-3P1: 440(W)x176(4U)(H)x532(D) mm		
HMI	Weight (kg)	18.5kg	25.6kg	26.1kg
	LCD DISPLAY	Input Mains Voltage, Frequency, Load level, Operation Mode, Health Status		
	Standards Communication	1、 RS232 PORT		
	Optional Extension Card	2、 EPO / ROO Port 3、 Intelligent Slot 4、 USB Card (not HID) 5、 NetWork Card: Support SNMP/TCP/IP for remote monitoring the UPS via Smart Phone APP, Web page, PC Monitor Software, Support Server / NAS shutdown 6、 CMC MODBUS Card, 7、 AS400 Relay Card		
Operating Environment Endurance	Temperature range	-10~50°C		
	Relative Humidity	0-98% (Non-condensing)		
	Acoustics Noise	<60dB @ 1 meters		

※ All Specifications are subject to change without notice.
Custom-made specifications are acceptable.

AU-AUS SERIES ONLINE UPS 1KVA-10KVA LCD DISPLAY

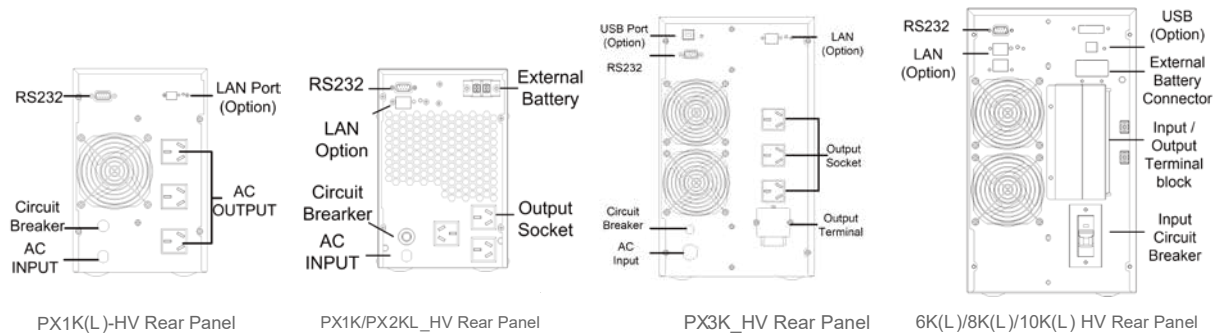


Main Features

- Double conversion online UPS;
- High Performance DSP based full digital controlled, Pure Sinewave output;
- Having frequency converter operating mode;
- Wide input voltage range, work well with different power quality;
- Compatible with most generators set;
- Embedded input power factor corrector, avoid reactive power loss, saving power for user;
- Having ECO mode. Enable best balance between energy saving and power protection;
- Good loading adaptability, work well with laser printer, Ultrasonic cleaner;
- Make with strong glass fiber base double side PCB (FR4), avoid dry solder, strong anti-vibration/anti-humidity/anti-dust capability;
- Small profile, save installation space for user;
- Accept deep customer-oriented, perfect match customer application requirement;
- Attractive performance-cost ratio.

Applications

- IT infrastructure: small server and workstation, router and switch, monitoring equipment;
- Automation system: ATM, TVM, SCADA, Railway and Metro signal system;
- Office and Business Equipment: PC, Printer, Scanner, POS, Telephones and Fax.



Specifications

Model	AU701S	AU701	AU702S	AU702	AU703S	AU703	AU706S	AU706	AU7010S	AU7010	
Capacity	VA/W		1KVA/900W	2KVA/1.8KW	3KVA/2.7KW		6KVA/5.4KW		10KVA/9KW		
Topology	Double Conversion Online UPS										
Phase	Single Phase Input Single Phase Output										
Mains Input	Wiring	L/N+PE									
	Rated Voltage	208/220/230/240VAC									
	Voltage Range	90~300VAC				110~285VAC					
	Frequency Range	40Hz~70Hz									
	Input Power Factor	≥0.99									
AC Output	Wiring	L/N+PE									
	Output Voltage	208/220/230/240VAC									
	Voltage Regulation	±1%									
	Output Frequency	50/60±4Hz(Sync Mode) / 50/60Hz±0.1%(Free Run)									
	Waveform	Pure Sine Wave									
	Distortion (THDV%)	<2%(Linear Load) <7%(None-Linear Load)									
Over load capability	1Min@105%~125%Rated Load 30Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load					10Min@105%~125%Rated Load 60Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load					
	Efficiency	Line mode	88%	89%	90%	>93%					
	Battery Mode	86%	87%	88%	>91%						
Battery & Charge	Rated Battery Voltage ^①	24VDC Internal	36VDC External	48VDC Internal	72VDC External	72VDC Internal	96VDC External	144/192VDC Internal/	192/240VDC External	192VDC Internal	192/240VDC External
	Battery Capacity	7AHx2pcs	External Battery Depends	7AHx4pcs	External Battery Depends	7AHx6pcs	External Battery Depends	12V/7AHx12 Pcs/ 12V/7AHx16 Pcs	External Battery Depends	12V/7AHx16 Pcs	External Battery Depends
	Backup Time	>6mins @ Half Load		>6mins @ Half Load		>6mins @ Half Load		>6mins @ Half Load		>6mins @ Half Load	
	Charging Current	Standard Model with Internal Battery: 1A Long Backup Time Model :4A					Standard Model with Internal Battery: 2A/4A(PX6K、PX10K)				
	Optional Configuration to Order	3. External Battery Module Connector for Standards Model 4. Battery Capacity 7AH/9AH Battery Quantity(2/4/6pcs) or (3/6/6pcs)									
Physical	Chassis Style	Tower									
	Tower Dimension	PX1KL, PX1K, PX2KL: 144(W)x224(H)x325(D)mm PX2K, PX3K, PX3KL: 190(W) x 323(H) x 368(D)mm						PX6KL: 190(W)x323(H)x399(D)mm, PX10KL: 190(W)x340(H)x562(D)mm PX6K-12BAT:190(W)x368(H)x562(D)mm PX6K-16BAT,PX10K:190(W)x472(H)x566(D)			
	Weight (kg)	8.4kg	4.7kg	16.2kg	10.5kg	21.2kg	9.1kg	12BAT: 37kg 16BAT: 46.5kg	14.8kg	7AHx16: 47.8kg 9AHx16: 54.2kg	16kg
Operating Environment Endurance	Temperature range	-10~50°C									
	Relative Humidity	0-98% (Non-condensing)									
	Acoustics Noise	<55dB @ 1 meters									

※ All Specifications are subject to change without notice.
Custom-made specifications are acceptable.

AU3/1 SERIES ONLINE UPS 10KVA-20KVA LCD DISPLAY



Main Features

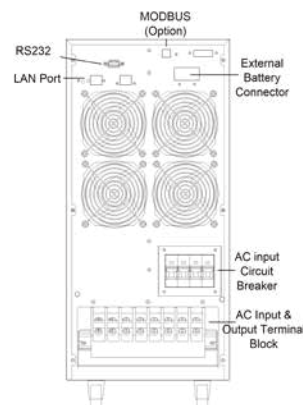
- Double conversion online UPS;
- High Performance DSP based full digital controlled, Pure Sinewave output;
- Having frequency converter operating mode;
- Wide input voltage range, work well with different power quality;
- Compatible with most generators set;
- Embedded input power factor corrector, avoid reactive power loss, saving power for user;
- Having ECO mode. Enable best balance between energy saving and power protection;
- Good loading adaptability, work well with laser printer, Ultrasonic cleaner;
- Make with strong glass fiber base double side PCB (FR4), avoid dry solder, strong anti-vibration/anti-humidity/anti-dust capability;
- Small profile, save installation space for user;
- Accept deep customer-oriented, perfect match customer application requirement;
- Attractive performance-cost ratio.

Features

- Ultra wide I/P voltage range;
- Clean power quality issues;
- Adapt to harsh power condition;
- Long back up time operation;
- Compatible with genset.

Applications

- IT infrastructure: small server and workstation, router and switch, monitoring equipment;
- Automation system: ATM, TVM, SCADA, Railway and Metro signal system;
- Office and Business Equipment: PC, Printer, Scanner, POS, Telephones and Fax.



15K(L)/20K(L)Rear Panel

Specifications

Model		AU7010-3/1	AU7010-3/1	AU7015-3/1	AU7015-3/1	AU7020-3/1	AU7020-3/1
Capacity	VAW	10KVA/9KW		15KVA/13.5KW		20KVA/18KW	
Topology		Double Conversion Online UPS					
Phase		Single Phase Input Single Phase Output OR 3 Phases Input Single Phase Output					
AC Mains Input	Wiring	Single Phase L/N+PE OR 3 Phases (L1,L2,L3,N)/N+PE					
	Rated Voltage	208/220/230/240VAC					
	Voltage Range	Line-Neutral 90~300VAC Line-Line 150~500VAC					
	Frequency Range	40Hz-70Hz					
	Input Power Factor	≥0.99					
AC Output	Wiring	L/N+PE					
	Rated Output Voltage	208/220/230/240VAC					
	Voltage Regulation	±1%					
	Output Frequency	50/60±4Hz(Sync Mode) / 50/60Hz±0.1%(Free Run)					
	Waveform	Pure Sine Wave					
	Distortion (THDV%)	<2%(Linear Load) <7%(None-Linear Load)					
	Over load capability	10Min@105%~125%Rated Load 60Sec.@125%~150%Rated Load 0.5Sec.@>150%Rated Load					
Efficiency	Line mode	>94%					
	Battery Mode	>92%					
Battery & Charge	Rated Battery Voltage	192VDC 12Vx16pcs	192/240VDC External Battery	192VDC 12Vx32pcs	192/240VDC External Battery	192VDC 12Vx32pcs	192/240VDC External Battery
	Battery Capacity	12V/7AH	External Battery Depends	12V/9AH	External Battery Depends	12V/9AH	External Battery Depends
	Backup Time	>6mins @half Load	External Battery Depends	>3mins @half Load	External Battery Depends	>2mins @half Load	External Battery Depends
	Charging Current	standard Model with Internal Battery:10K:1A:15K~20K:4A, Long Backup Time Model :4A/8A					
	Optional Configuration to Order	1. Battery Capacity 7AH/9AH 2. Battery Quantity 16pcs or 32pcs					
Physical	Chassis Style	Tower					
	Tower Dimension	PX10KL: 190(W)x340(H)x562(D)mm PX10K: 190(W)x472(H)x566(D)mm PX15/20KL: 239(W)x529(H)x581(D)mm					
	Weight (kg)	47.8kg	17.0kg	89.6kg	25.6kg	90.1kg	26.1kg
HMI	LCD DISPLAY	Input Mains Voltage, Frequency, Load level, Operation Mode, Health Status					
	Standards Communication Interface	1, RS232 PORT					
	Optional Extension Card	2, EPO / ROO Port 3, Intelligent Slot 4, USB Card (not HID) 5, NetWork Card: Support SNMP/TCP/IP for remote monitoring the UPS via Smart Phone APP, Web page, PC Monitor Software , Support Server / NAS shutdown 6, CMC MODBUS Card, 7, AS400 Relay Card					
Operating Environment Endurance	Temperature range	-10~50°C					
	Relative Humidity	0-98% (Non-condensing)					
	Acoustics Noise	<60dB @ 1 meters					

※ All Specifications are subject to change without notice.
Custom-made specifications are acceptable.