EA900

1KVA~10KVA

Control Panel

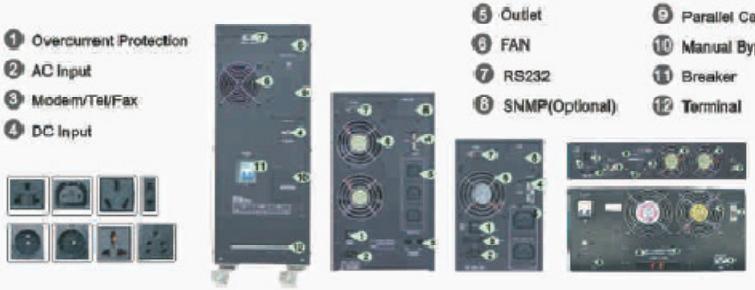
1. Bypass
2. AC Input
3. AC Output
4. Battery
5. Fault
6. Screen
7. LCD

Features

- High frequency and true double-conversion
- Microprocessor control technology
- Input power factor correction (PFC)
- Wide input voltage range (110V-300V)
- Code start
- Automatically diagnose when starts
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatically charging battery at UPS off mode
- Fan speed auto control when load varies
- Standard RS232 communication port and RJ45 protection
- Optional USB/SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional built-in isolation transformer
- Optional N+1 redundancy parallel on 6-10KVA
- Optional manual bypass on 6-10KVA

Rear Panel

1. Overcurrent Protection
2. AC Input
3. Modem/Tel/Fax
4. DC Input
5. Outlet
6. FAN
7. RS232
8. SNMP(Optional)
9. Parallel Card(Optional)
10. Manual Bypass(Optional)
11. Breaker
12. Terminal



Specifications

Model		EA901	EA902	EA903	EA906	EA9010
Capacity		1KVA/700W	2KVA/1400W	3KVA/2100W	6KVA/4200W	10KVA/7000W
Input						
Rated Voltage		208V/210V/220V/230V/240VAC				
Voltage Range		Half load 165-300VAC,Full load 185-300VAC			176~276VAC	
Frequency		45.5Hz-54.5Hz or 55.5Hz-64.5JHz				
Power Factor		≥0.97				
OUTPUT						
Voltage		208V/210V/220V/230V/240VAC				
Voltage Regulation		±3%				
Frequency		Synchronized with utility on AC mode;50/60±0.5Hz on battery mode				
Waveform		Pure sine wave				
Crest Factor		3:1				
Harmonic Distortion		<3%(Linear load);<6%(Non-linear load)				
Transfer Time		Between AC mode and battery mode :0ms; Between AC model and bypass mode:4ms(Typical)				
Overload Capability		110%-150%:Transfer to bypass after 1mins; >150%: Transfer to bypass after 200ms;			110%-150%:Transfer to bypass after 10mins; >150%: Transfer to bypass after 1mins;	
EFFICIENCY						
AC Mode		≥89%				
Battery Mode		≥85%				
BATTERY						
DC Voltage		96V	96V		240V	
Inbuilt Battery of Standard Model		3*12V7Ah	8x12V7Ah		20x12V7Ah	20x12V9Ah
Charge Current	Standard Model	1A				
	Long Time Model	7A			5A	
Typical Recharge Time		8 hours recover to 90% capacity				
ALARM						
Utility Failure		Beep/4s				
Battery Low		Beep/1s				
Overload		Beep Twice/1s				
UPS Fault		Long Beep				
ENVIRONMENT						
Humidity		20~90% RH @ 0~40℃(non-condensing)				
Noise Level		<50dB (1m)				
MANAGEMENT						
Standard RS-232 ,Optional USB		Supports Windows 98/2000/2003/XP/Vista/2008/7/8				
Optional SNMP		Power management from SNMP manager and web browser				
PHYSICAL						
Tower	Dimension(mm)	145Wx415Dx215H	190Wx470Dx330H		260Wx560Dx730H	
	Packing Dimension(mm)	236Wx429Dx316H	320Wx592Dx462H		360Wx662Dx905H	
	Net Weight(kg)	6.50(H),26.0(S)	13.2(H),28.0(S)		40.0(H),86.5(S)	
	Gross Weight(kg)	7.60(H),13.3(S)	14.5(H),29.3(S)		46.8(H),93.6(S)	
Rack Mount	Dimension (mm) UPS	483Wx448Dx88H	483Wx488Dx88H		483Wx560Dx221H	
	Dimension (mm) Battery Bank	N/A	483Wx488Dx88H		483Wx560Dx131H	
	Packing Dimension (mm) UPS	515Wx515Dx180H	515Wx548Dx180H		580Wx670Dx377H	
	Packing Dimension (mm) Battery Bank	N/A	515Wx548Dx180H		580Wx670Dx285H	
	Net Weight (kg) UPS	7.5(H),13.5(S)	12.5		29.5	30.5
	Net Weight (kg) Battery Bank	N/A	26.0		50.0	60.0
	Gross Weight (kg) UPS	8.5(H),14.5(S)	13.5		30.5	31.5
	Gross Weight (kg) Battery Bank	N/A	27.0		52.0	62.0

Mark: S means standard model, H means long backup time model.

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