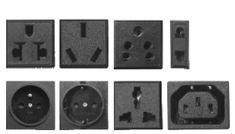
EA900II

1KVA~3KVA
220V
PF 0.8/0.9

Features

- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110V-300V)
- Output power factor 0.8/0.9
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable via LCD
- Selectable battery low voltage via LCD
- 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 socket

Rear Panel

1. Overcurrent Protection
2. AC Input
3. Modem/Tel/Fax
4. DC Input
5. Outlet
6. FAN
7. RS232
8. USB(Optional)
9. EPO (Optional)
10. SNMP/AS400(Optional)

Specifications

MODEL		EA901II	EA902II	EA903II	EA901II	EA902II	EA903II
Capacity		1KVA/800W	2KVA/1600W	3KVA/2400W	1KVA/900W	2KVA/1800W	3KVA/2700W
INPUT							
Rated Voltage		208V/220V/230V/240VAC					
Voltage Range		Half load (110-300)±5VAC; Full load (160-300)±5VAC					
Frequency		40-70Hz(Auto Sensing)					
Power Factor		≥0.98					
Bypass Voltage Range		Rated output voltage-34V ~ Rated output voltage+32V					
OUTPUT							
Voltage		208V/220V/230V/240VAC Setting available via LCD					
Voltage Regulation		±1%					
Frequency		45-55Hz or 55-65Hz (Synchronized range);50/60±0.2Hz(Battery mode)					
Waveform		Pure sine wave					
Crest Factor		3:1					
Harmonic Distortion		≤2%(Linear load);≤5%(Non-linear load)					
Transfer Time		AC mode to battery mode :0ms Inverter model to bypass mode:4ms(Typical)					
Overload Capability		105%-150%:Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms					
EFFICIENCY							
AC Mode		≥90%					
Battery Mode		≥87%					
ECO Mode		≥94%					
BATTERY							
DC Voltage		24V	48V	72V	36V	72V	72V
Inbuilt Battery of Standard Model		2x9Ah	4x9Ah	6x9Ah	3x7Ah	6x7Ah	6x9Ah
Charge Current	Standard Model	1A					
	Long Time Model	6A			NO		
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/ Windows® 7/8					
Optional SNMP		Power management from SNMP manager and web browser					
PHYSICAL							
Dimension(mm) WxDxH		144x357x215	190x452x341		144x410x215	190x452x341	
Packing Dimension(mm) WxDxH		230x445x315	320x550x462		231x492x316	320x550x462	
Net Weight(kg)		5.6(H),10.1(S)	11.0(H),20.5(S)	11.6(H),25.7(S)	13.0(S)	23.5(S)	26.6(S)
Gross Weight(kg)		6.9(H),11.4(S)	13.1(H),22.7(S)	13.7(H),27.9(S)	14.5(S)	25.0(S)	28.8(S)

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208VAC.
- S means standard model, H means long backup time model.
- All specifications subject to change without notice.
- Custom-made specifications are acceptable

EA900II

6KVA~10KVA
220V
PF 0.9

Features

- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110V-300V)
- Output power factor 0.9
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- 50Hz/60Hz frequency converter mode available
- Selectable battery low voltage via LCD
- 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
- Optional USB/SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional built-in isolation transformer
- Optional manual bypass
- Optional N+X redundancy parallel

Rear Panel

1. AC Input
2. Modem/Tel/Fax
3. DC Input
4. Outlet
5. FAN
6. RS232
7. USB(Optional)
8. EPO (Optional)
9. Manual Bypass(Optional)
10. SNMP/AS400(Optional)
11. Breaker
12. Parallel Card(Optional)
13. BAT_NTC(Optional)

Specifications

MODEL		EA906II	EA9010II
Capacity		6KVA/5400W	10KVA/9000W
INPUT			
Rated Voltage		208V/220V/230V/240VAC	
Voltage Range		Half load (110-300)±5VAC Full load (160-300)±5VAC	
Frequency		40-70Hz(Auto Sensing)	
Power Factor		≥0.99	
Bypass Voltage Range		160V ~ Rated output voltage+32V	
OUTPUT			
Voltage		208V/220V/230V/240VAC Setting available via LCD	
Voltage Regulation		±1%	
Frequency		45-55Hz or 55-65Hz (Synchronized range);50/60±0.2Hz(Battery mode)	
Waveform		Pure sine wave	
Crest Factor		3:1	
Harmonic Distortion		≤2%(Linear load);≤5%(Non-linear load)	
Transfer Time		AC mode to battery mode :0ms Inverter model to bypass mode:0ms	
Overload Capability		105%-125%:Transfer to bypass after 3mins; 125%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 100ms	
EFFICIENCY			
AC Mode		≥92%	
Battery Mode		≥91%	
ECO Mode		≥98%	
BATTERY			
DC Voltage		192V	
Inbuilt Battery of Standard Model		16*7Ah	16*9Ah
Charge Current	Standard Model	1A	
	Long Time Model	1A/3A/5A/8A	
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		≤55dB (1m)	
MANAGEMENT			
Standard RS-232 ,Optional USB		Supports Windows® 98/2000/2003/XP/Vista/2008/ Windows® 7/8	
Optional SNMP		Power management from SNMP manager and web browser	
PHYSICAL			
Dimension(mm) WxDxH		262×514×455(H),262×514×735(S)	
Packing Dimension(mm) WxDxH		365×605×610(H),390×625×937(S)	
Net Weight(kg)		22.1(H),64.1(S)	22.8(H),70.8(S)
Gross Weight(kg)		25.2(H),72.2(S)	25.9(H),78.9(S)

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208VAC.
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