

EA900II

6KVA~20KVA(3/1)
PF 0.9



Specifications

MODEL	EA906II	EA9010II	EA9015II	EA9020II
Capacity	6KVA/5.4KW	10KVA/9KW	15KVA/13.5KW	20KVA/18KW
INPUT				
Rated Voltage	3/1: 360V/365V/380V/400V/415VAC; 1/1: 208V/210V/220V/230V/240VAC.(Set up by LCD display)			
Voltage Range	3/1: Half load (190-520)±5VAC, Full load (277-520)±5VAC; 1/1: Half load (110-300)±5VAC, Full load (160-300)±5VAC.			
Frequency	40-70Hz±0.5% (Auto sensing)			
Power Factor	3/1: ≥0.95; 1/1: ≥0.99.			
BYPASS				
Voltage Range	160V-Rated output voltage+32V			
Frequency	50/60Hz±5Hz			
OUTPUT				
Voltage	208V/210V/220V/230V/240Vac Setting available via LCD			
Voltage Regulation	±1%			
Frequency	Synchronized with utility on AC mode; 50/60±0.1Hz on 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 mode 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	≥93%			
Battery Mode	≥92%			
ECO Mode	≥98%			
BATTERY				
DC Voltage	192V/240VDC			
Inbuilt Battery of Standard Model	16/20*7AH	16/20*9AH	NO	
Charge Current	Standard Model	1A		NO
	Long Time Model	7A		
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	≤58dB (1m)		≤60dB (1m)	
MANAGEMENT				
Standard RS-232 and 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) W×D×H	262×580×455(H), 262×580×732(S)		262×580×628(H)	
Packing Dimension(mm) W×D×H	355×682×615(H), 359×687×822(S)		359×687×717(H)	
Net Weight(kg)	25.0(H), 73.0(S)	25.5(H), 74.0(S)	38.5(H)	39.0(H)
Gross Weight(kg)	28.5(H), 82.5(S)	29.0(H), 83.5(S)	47.0(H)	47.5(H)

● Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.
 ● 3/1 means three phase input and single phase output mode, 1/1 means single phase input and single phase output mode.
 ● S means standard model, H means long backup time model.
 ● All specifications subject to change without notice.
 ● Custom-made specifications are acceptable

Features

- High frequency and true double-conversion
- DSP digital control technology
- Wide input voltage range (110V-300V)
- Output power factor 0.9
- Optimized Battery configuration: 192V/240V
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- 50/60Hz frequency converter mode
- Selectable output voltage via LCD
- Selectable battery shutdown voltage(EOD) via LCD
- Selectable input mode via LCD: 3/1 or 1/1
- 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/USB communication port
- Standard emergency power off (EPO)
- Optional RS485/SNMP/AS400 communication port
- Optional extension battery bank
- Optional battery temperature compensation
- Optional built-in isolation transformer
- Optional manual bypass
- Optional N+X redundancy parallel

Rear Panel

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



6/10KS 15/20KH 6/10KH