WEA900II

1KVA~10KVA
120V

Features

- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range
- Output power factor 0.9/0.8
- Code start
- Frequency adaptive
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable for 1,2,3KVA via LCD
- 50Hz/60Hz frequency converter mode available on 6-10KVA
- 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 manual bypass on 6-10KVA
- Optional N+1 redundancy parallel on 6-10KVA

CELCO
Energía 100% confiable
DESDE 1978

Rear Panel

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

Specifications

MODEL		WEA901II	WEA902II	WEA903II	WEA906II	WEA9010II
Capacity		1KVA/900W	2KVA/1800W	3KVA/2700W	6KVA/5400W	10KVA/9000W
INPUT						
Rated Voltage		100V/110V/115V/120V/127VAC			208V/220V/230V/240VAC	
Voltage Range		(55～145) ±5VAC(60% load); (65～145) ±5VAC(70% load) (75～145) ±5VAC(80% load); (85～145) ±5VAC(100% load)			Half load (115-295)±5VAC Full load (165-295)±5VAC	
Frequency		45-55Hz±0.5% or 55-65Hz±0.5% (Auto Sensing)			40-70Hz±0.5% (Auto Sensing)	
Power Factor		⩾0.98			⩾0.99	
Bypass Voltage Range		(95~135) ±5VAC			160V~252VAC or (95~135) ±5VAC	
OUTPUT						
Voltage		100V/110V/115V/120V/127VAC Setting available via LCD			100V/110V/115V/120V/127VAC Setting available via LCD or 208V/220V/230V/240VAC Setting available via LCD	
Voltage Regulation		±1%				
Frequency		Synchronized with utility on AC mode;50/60±0.2Hz on battery mode				
Waveform		Pure sine wave				
Crest Factor		3:1				
Harmonic Distortion		⩽3%(Linear load);⩽5%(Non-linear load)			⩽2%(Linear load);⩽5%(Non-linear load)	
Transfer Time		AC mode to battery mode :0ms Inverter model to bypass mode:4ms(Typical)			AC mode to battery mode :0ms Inverter model to bypass mode:0ms	
Overload Capability		105%-150%:Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms			105%-125%:Transfer to bypass after 3mins; 125%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 100ms	
EFFICIENCY						
AC Mode		⩾90%			⩾92%	
Battery Mode		⩾87%			⩾91%	
ECO Mode		⩾98%			⩾98%	
BATTERY						
DC Voltage		24V	48V	72V	192V	
Inbuilt Battery of Standard Model		2*9Ah	4*9Ah	6*9Ah	16*7Ah	16*9Ah
Charge Current	Standard Model	1A				
	Long Time Model	6A			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		⩽50dB (1m)			⩽55dB (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						
Long Time Model	Dimension(mm) W*D*H	144x357x215	190x452x341		262x650x735	
	Packing Dimension(mm) W*D*H	230x445x315	320x550x462		360x750x820	
	Net/Gross Weight(kg)	6.0/7.0	12.0/13.3		47.0/49.5	50.0/52.5
Standard Model	Dimension(mm) W*D*H	144x357x215	190x452x341		262x650x735	
	Packing Dimension(mm) W*D*H	230x445x315	320x550x462		360x750x820	
	Net/Gross Weight(kg)	11.0/13.5	20.0/21.5	24.0/25.5	87.0/95.0	90.0/98.0

* 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

QUITO: Elia Liut N45-26 y Edmundo Chiriboga Telf: 02 3936 400 CELULAR: 09 9610 8549
GUAYAQUIL: Vernaza Norte, Mz. 13, Solar 22 Telf: 04 259 6400 CELULAR: 098 929 9999
CUENCA: Luis Moscoso s/n y Manuel Ignacio Ochoa Telf: 07 285 4045 CELULAR: 099 570 0700