

EA900

[On-line 1-10kVA single phase]

EA900 [single phase 1-10kVA]

The EA900 series UPS is an intelligent high-frequency on-line UPS, with capacity ranges from 1KVA to 10KVA and suitable for equipment for data processing centers, host computer systems, integral computer networks, ISP service providers and telecom.

The unit is controlled by a CPU and equipped with monitoring and protection functions.

Our EA900 series use 50kHz high-frequency technology, allowing a smaller, lightweight design.

The units have a pure sine wave output allowing the UPS to handle many kinds of load.

With advanced RS232 port monitoring software and a front-mounted LCD screen, the customer has direct access to the status of the UPS and can ensure the safety of the connected equipment.

Features

- CPU-controlled
- completely sine wave output, using advanced IGBT technology
- wide power compatibility range
- automatic detection and selection of output frequency
- high current and high frequency processing capability
- fully isolated fast recharge
- DC battery start possible
- remote network monitoring possible

CPU

It contains a 32-bit data-bus microprocessor with robust processing power capable of detecting and controlling all changes to UPS quickly and accurately, ensuring high product reliability.

Using our innovated control software controlling the internal CPU, you can protect and monitor the UPS accurately.

RS232 and USB communication port

Using the RS232 or USB communication port to access the pre-installed monitoring software, the UPS power status can be monitored directly. The network management is simplified and the reliability of the computer system is enhanced.

Integral control panel

The control panel displays the operation status, loading status and the power supply status of the UPS, which can give instant knowledge of the status of the UPS.

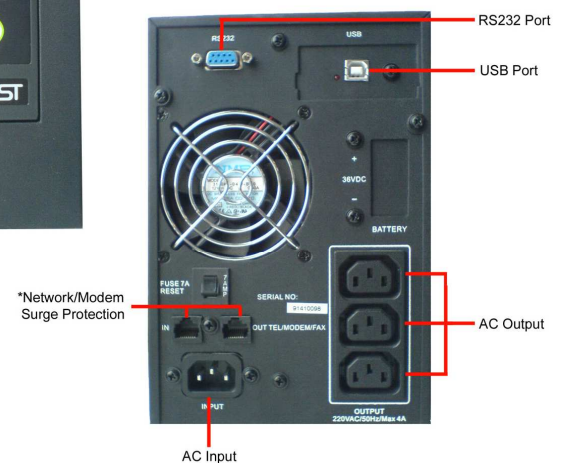
Startup self-diagnostic function

At startup our UPS runs a self-diagnostic of the installed components (inverters and batteries) and loads. It will enable the early detection of any problem to avoid any malfunction.

Cold start-up function

The unique DC startup enables the direct start-up of UPS upon power failure of the power supplier, which helps keep the emergency backup function of our UPS available.

EA900-1000



*(optional)

East UPS Europe BV technical data sheet EA900 [on-line 1 - 10kVA, single phase]					
	EA900-001	EA900-002	EA900-003	EA900-006	EA900-010
Ratings	1kVA	2kVA	3kVA	6kVA	10kVA
INPUT					
Phase	single + GND				
Voltage range	165~305V AC (full load)		176~276V AC		
Frequency range	45~55Hz				
Input PF	>0.95, conform to EN605552				
OUTPUT					
Voltage range	220/230/240Vac \pm 3%				
Frequency range	50Hz \pm 0.5%				
Linear load distortion	<3%				
Non linear load distortion	< 6%			< 5%	
Overload	>105 for 1min; >130% for 300ms			>105% for 10min ;>150% for 1min	
Crest Factor	3:1(max)				
Power Factor	0,7				
BATTERY					
DC voltage	36V DC	96V DC		240V DC	
Internal battery	3x7AH	8x7AH		20x7AH	40x 7AH
Charging time	90%capacity after 8 hrs charging				
PANEL DISPLAY					
LED:	load, battery status, alarm, inverter				
ENVIRONMENT					
Temperature	0 - 40 °C				
Humidity	0%-95% (non condensing)				
Operating altitude	<1500m				
Storage Temperature	-25 - 55 °C				
GENERAL					
Noise Level	<45dB				
Interface	RS323				
Net/Gross Weight (Standard version)	8,1/14kg	16,2/32.2kg	17/32,2kg	32/75kg	72/163kg
Dimension (HxWxD) cm	22x14x40	33x19x45		55x26x63	63x34x95
East™ UPS Europe B.V. reserves the right to implement changes in the technical data without prior announcement. Subject to printing errors and mistakes. 2004 05					

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