

## EA900

Online  
Single phase  
1000-10000VA  
Tabletop

[www.eastups.eu](http://www.eastups.eu)

### EA900

The EA900 series are tabletop, intelligent high frequency online, single phase ups systems with a capacity range of 1kVA up to 10kVA. Here for they are suitable for data processing centers, host computer centers, computer networks, ISP and telecom. Because of the pure sinewave output, the EA900 series have, the ups can handle many kinds of different loads.

The EA900 series are controlled by a CPU and are equipped with monitoring and protection functions which make it possible to control and monitor the ups more precisely. Also with the RS232 or USB port monitoring the advanced software, it allows you direct access to the status of the ups.

The EA900 series are also equipped with a control panel and display which give you the status on loading, power supply and instant knowledge of the ups.

And as extra function the EA900 has got a self diagnostic function, meaning: at startup the ups runs a self diagnostic on the installed components (inverters and batteries) and loads. It will enable the early detection of any problem to avoid malfunction.

Using the RS232 or USB communication port to use the advanced monitoring software, the ups power status can be monitored directly. The network management is simplified and the reliability of the computer system improved.

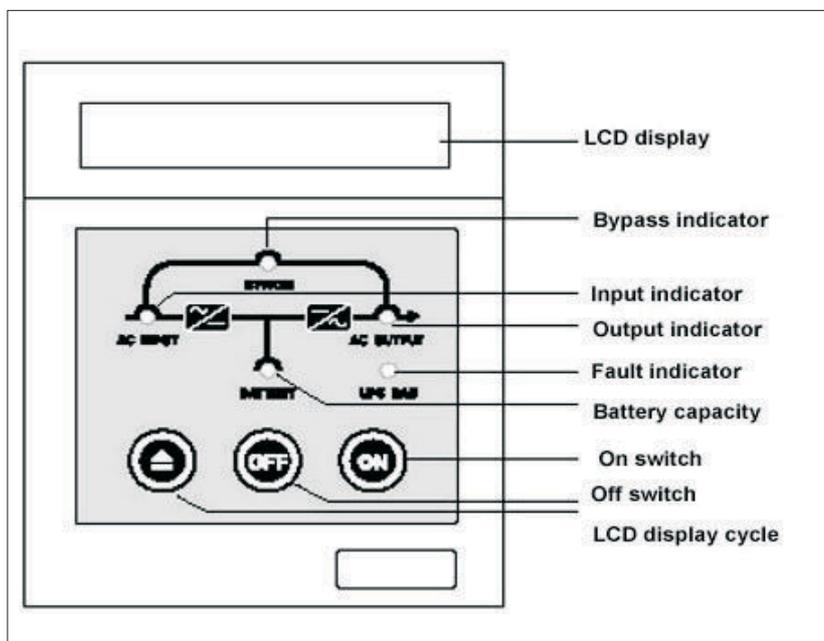
The batteries for the EA900 series are maintenance free lead batteries. These batteries are included in the head unit of the ups.

### Features:

- Cold start up function
- Self diagnostic function
- CPU controlled
- Wide power range
- Automatic detection and selection of output frequency
- High current and high frequency processing capability
- Fully isolated fast charger
- DC battery start possible
- Long distance network monitoring
- Integral control panel
- RS232 or USB



East UPS Europe BV technical data sheet EA900 [on-line 1 - 10kVA, single phase]					
model	EA900-001	EA900-002	EA900-003	EA900-006	EA900-010
VA Ratings	1kVA	2kVA	3kVA	6kVA	10kVA
Real Power Rating	700W	1400W	2100W	4200W	7000W
<b>INPUT</b>					
Input Phase	Single Phase + GND				
Input Voltage	165 ~ 300Vac			176 ~ 290Vac	
Input Frequency	45.5 ~ 54.5Hz				
<b>OUTPUT</b>					
Output Voltage	220/230/240Vac ± 3%				
Output waveform	True Sine Wave				
Output Frequency	50/60Hz ± 0.5%				
Crest Factor	3:1				
Transfer Time	Zero				
Power Factor	0,7				
Efficiency	=85%				
no. Sockets	3 sockets			Terminal connection	
Distortion	<3% (Linear Load); <5% (Non-linear Load)				
Overload	110 ~ 150% swich to bypass after 1min; >150% Shut down after 200ms			105 ~ 150% 10mins; >150% 1min	
<b>SURGE PROTECTION</b>					
Telephone/Lan	RJ11 (telephone/modem)				
<b>BATTERY</b>					
DC voltage	36Vdc	96Vdc	240Vdc		
Internal battery	3x12V/7AH	8x12V/7AH	20x12V/7AH	20x12V/9AH	
Type	Sealed lead acid maintenance free				
Charging time	90%capacity after 8 hrs charging				
Charge Current	Standart model: 1A, long time model: 7.5A			Standart model: 1A, long time model: 5A	
<b>PANEL DISPLAY</b>					
LCD and LED	Utility, Inverter, Bypass, Battery, Load, Battery Mode, Frequency, Ups Fault Indicator				
<b>GENERAL</b>					
Interface	RS323 / USB / SNMP(optional)				
Noise	<55dB (1 meter)				
Temperature	0 - 40 °C				
Humidity	10 ~ 90% (non condensing)				
Operating altitude	<1500m				
Storage Temperature	-25 - 55 °C				
Net/Gross Weight (Standard version)	12.3kg / 13.3kg	28kg / 29.3kg	86.3kg / 93.6kg		
Dimension (WxHxD mm)	145x215x415	190x330x470	260x730x560		
Product Specifications are subject to change without further notice, © East Ups Europe					



### Optional products

- SNMP card
- SNMP\_II
- Parallel option/ATS
- Extended Runtime