

EA900R

[On-line 1-6kVA single phase rack mount]

EA900 Rack mount [single phase 1-6kVA]

The EA900 rack mount series is an intelligent high-frequency on-line UPS, with capacity ranges from 1KVA to 6KVA and suitable for data processing centers, host computer systems, integral computer networks, ISP 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 the customer has direct access to the status of the UPS and can therefore 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
- long-distance network monitoring

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 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 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 enhanced.

Integral control panel

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

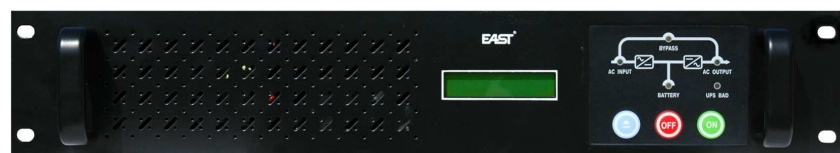
Startup self-diagnostic function

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 keeps the emergency backup function of our UPS available.

EA900R-1000



AC Input AC Output *Modem/Network Surge Protection USB Port RS232 Port

*(optional)

East UPS Europe BV technical data sheet EA900R [on-line 1 – 6kVA single phase rack mount]				
	EA900R-001	EA900R-002	EA900R-003	EA900R-006
Ratings	1kVA	2kVA	3kVA	6kVA
INPUT				
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 ±3%			
Frequency range	50Hz±0.5%			
Linear load distortion	<3%			
Non linear load distortion	< 6%		< 5%	
Overload	>105 for 10s; >130% for 200ms		>105% for 10 ;>150% for 200ms	
Crest Factor	3:1(max)			
Power Factor	0,7			
BATTERY				
DC voltage	36V DC	96V DC	240V DC	
Internal battery	3x7AH	8x7AH	20x7AH	
Charging time	90%capacity after 8 hrs charging			
PANEL DISPLAY				
LED (EA900R-006 LCD)	load, battery status, alarm			
ENVIRONMENT				
Temperature	0-40 °C			
Humidity	0%-95% (non condensing)			
Operating altitude	<1500m			
Storage Temperature	-25~55 °C			
GENERAL				
Interface	RS232			
Noise Level	<45dB			
Net/Gross Weight (Standard version)	7/9kg	18/20kg	19/21kg	37/47kg
Dimension (HxWxD) cm excluding batteries 2 - 6 kVA	48x9x40	48x9x45		48x13x60

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

EAST UPS EUROPE BV
P.O. Box 152
6820 AD Oosterbeek
The Netherlands

Internet:
www.eastups-europe.com
E-mail:
info@eastups-europe.com

EAST®