

EAST®

Online UPS

1kVA~20kVA

EA900 Series



- High frequency and dual conversion on-line technology
- Wide input voltage range
- Advanced PFC technology
- True sine wave output with less than 3% THD
- Self-diagnosis at UPS startup
- Advanced battery management (ABM)
- Cold start feature(DC power on)
- Automatically charging batteries in UPS off mode
- Lightning and surge protections (surge energy rating 1050 Joules)
- Short circuit and overload protections
- Fan speed automatically changes as load varies
- Optional external battery pack
- EMI/RFI noise filter
- RS232
- Shutdown & restart schedule



- ① LCD
- ② AC Input
- ③ Bypass
- ④ AC Output
- ⑤ Function Key
- ⑥ OFF
- ⑦ ON
- ⑧ Battery
- ⑨ UPS Failure



- 1 RS232
- 2 FAN
- 3 DC Input
- 4 Outlet
- 5 Overcurrent Protection
- 6 Modem/Tel/Fax
- 7 AC Input

Specifications

Online Model	EA910	EA920	EA930	EA960	EA9010	EA9015	EA9020
Capacity (Linear Load)	1kVA/ 700W	2kVA/ 1400W	3kVA/ 2100W	6kVA/ 4200W	10kVA/ 7000W	15kVA/ 10500W	20kVA/ 14000W
Input Voltage Range	Half Load 120-300VAC Full Load 165V-276VAC			176V-290VAC		340-478VAC	
Frequency Range	60/50Hz ±10%						
Output Voltage	220V ± 3%						
Output Frequency	60/50Hz ± 0.5Hz						
Output Voltage Tolerance	< ± 5%(100% Load or without Load)						
Distortion	<3%(Linear Load); <5%(Non-linear load)						
Output Waveform	True Sine Wave						
Overload Capability	110%~130%: Switch to Bypass after 10Mins, 130%: Shut down after 1Min			105%~130%; 10Mins; >130%:1Min.			
Battery Voltage	36VDC	96VDC	240VDC				
Charge Voltage	40.5 ± 1V	110 ± 1V	274.5 ± 1V				
Numbers of Sealed Maintenance-Free Lead-Acid Batteries	12V × 3Pcs	12V × 8Pcs	12V × 20Pcs				
Standard Backup Time (Full Load/Half Load)	5/12Mins	7/16Mins	5/13Mins	6/15Mins	8/20Mins	Specified by Customers (External Batteries)	
Crest Factor	3:1						
Noise (1M)	<45db	<50db				<55db	
LCD and LED	Utility, Inverter, Bypass, Battery, Load, Battery Mode, Frequency, UPS Fault Indicator						
Transfer Time of AC to DC	Zero						
Battery Low Voltage	31 ± 2V	83 ± 2V	200 ± 2V		210 ± 2V		
Charge Time	Charging up to 90%, ≤8Hours						
Audible Alarm-Battery Discharge	Utility Failure, Beep/4s; Battery Low, Beep/1s						
EMC	50091, 9254						
UPS Abnormal	Continuous Beep and Red LED on						
Output Short Circuit	Shutdown						
Outlets	2pcs	3pcs	None				
Communication Interface	SNMP						
Ambient Temperature	0°C-40°C						
Humidity	10%-90%						
Weight(Kg)	9.22/14.5	16.9/33.8	17.5/32	37/84	75/163	102	
Dimension (W × D × H)mm	140 × 405 × 210	195 × 470 × 330		240 × 545 × 445	340 × 640 × 980	380 × 640 × 980	

- ◆ All specifications subject to change without notice.
- ◆ Custom-made specifications are acceptable.

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