

Online Mash UPS High Frequency EA900R



Application

Mash EA900R series, one phase UPS(1KVA-10KVA),High Density Double conversion online offer advanced PFC Technology control, True sine wave, 19"U Rack, and online power protection. Capable of supporting load up to 10KVA in Rack form. The EA900R Online is Available up to 19U. EA9010 is capable of supporting Blade Servers and over loaded rack equipment. Upon request UPS System can be configured with appropriate external Battery packs with extended Run time to meet several demands. EA900R High frequency UPS usually used for Centralized server rooms and blade server centers, mainframe, network control center, cable structure racks, point-of sales, branch offices, computing center ...etc.

Categories: [Online UPS](#)

Product Description

Features:

- 19' Rack-mount
- High frequency and dual conversion on-line technology
- Advanced PFC technology
- True sine wave output with less than 3% THD
- Self-diagnosis when 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
- (SNMP Optional) Shutdown & restart schedule

Technical specifications:

Model	EA901R-1KVA	EA902R-2KVA	EA903R-3KVA	EA906R-6KVA	EA9010R-10KVA
Capacity(linear Load)	1KVA/700W	2KVA/1400W	3KVA/2100W	6KVA/4200W	10KVA/7000W
Input Voltage Range	Half Load 120-300VAC Full Load 165V-276VAC			176V-290VAC	
Frequency Range	45.5Hz~54Hz				
Output Voltage	220/230/240V±1%				
Output Frequency	50/60Hz±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%~150%: transfer to Bypass after 1Mins, above 150%: 200MS			105%~130%, 10Mins; >130%:1Min.	
Battery Voltage	36VDC	96VDC		240VDC	
Charge Voltage	40.5±1V	110±1V		274.5±1V	
Charge Current	Standard model 1A , Long back model 7.5A ;			Standard model 1A , Long back model 4.5A ;	
Battery Type	Sealed Maintenance-FreeLead-Acid				
Batteries Q'TY	12V×3Pcs	12V×8Pcs		12V×20Pcs	
Standard Backup Time(Full Load/Half Load)	5/12Mins	7/16Mins	5/13Mins	6/15Mins	8/20Mins
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		Terminals
Communication Interface	RS232/SNMP (optional)			
Ambient Temperature	0 °C ~ 40 °C			
Humidity	10%~90%			
Net Weight(Kg)	6.5(H)./12.3(S)	13.2(H)./28(S)	13.2(H)./28(S)	40.5(H)./87(S)
Dimension(W×D×H)mm	145×415×215	190×470×330		260×730×560
Packing Measure (W×D×H)mm	236×492×316	337×602×482		337×602×482
