

EA900RT G4A

6 kVA ~ 10 kVA
PF 1.0

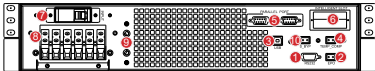


Features

- Rack and tower convertible
- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction(PFC)
- Wide input voltage range
- Output power factor 1.0
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- Output bypass settable via LCD
- Selectable battery low voltage via LCD
- Power-on self test
- Advanced battery management(ABM)
- Short circuit and overload protection
- Automatic charging in OFF mode
- Fan speed auto control when loads varies
- Standard RS232 communication port and EPO
- Optional USB/RS485/SNMP communication port
- Optional extension battery bank
- Optional N+X redundancy parallel

Rear Panel

1. RS232
2. EPO
3. USB (optional)
4. TEMP_COMP (optional)
5. Parallel port
6. Intelligent slot
7. Input breaker
8. Terminal
9. PE
10. Maintenance bypass signal port



Display panel can be rotated

Specifications

MODEL	EA906RT	EA9010RT
Capacity	6kVA/6000W	10kVA/10000W
INPUT		
Rated voltage	208/220/230/240Vac	
Voltage range	88~176Vac(linear derating between 30% and 100% load); 176~288Vac(no derating)	
Frequency	50/60Hz(auto-sense)	
Power factor	≥0.99	
Bypass voltage range	-40%~+15%(settable)	
OUTPUT		
Voltage	208(PF=0.9)/220/230/240Vac or 110/115/120Vac(two groups, their phase angles different by 180°)	
Voltage regulation	±5%	
Frequency	Synchronized to bypass in mains mode; 50/60Hz±0.1%Hz in battery mode	
Waveform	Sinusoidal	
Crest factor	3:1	
Harmonic distortion	≤3%(linear load); ≤6%(non-linear load)	
Transfer time	Mains mode to battery mode: 0ms	
	Inverter mode to bypass mode: 0ms	
Overload capability	105%~110% for 10min, 110%~125% for 1min,126%~150% for 30s	
BATTERIES		
DC voltage	192 Vdc(192~240 Vdc settable)	
Inbuilt battery	12V/7Ah×16	12V/9Ah×16
Charging current	Default 1A, 1~5A settable	
Recharge time	8h	
SYSTEM		
Efficiency	Max. 89.5%(max. 93% in ECO mode)	
Communications	RS232(standard), USB/RS485/dry contacts/SNMP/battery temperature compensation(optional)	
OTHERS		
Humidity	0~95%(non-condensing)	
Noise level	≤55dB(1m)	
Dimensions(W×D×H)(mm)	440×470×88(UPS); 440×580×132(transformer); 440×680×88(battery)	
Packaged dimensions (W×D×H)(mm)	554×608×168(UPS); 511×683×192(transformer); 556×794×190(battery)	
Net/Gross weight(kg)	58.0/68.0	63.0/73.0
	49.0(transformer)	69.0(transformer)

• All specifications subject to change without notice.