



The Memopower double conversion true on-line series, featured with DSP-controlled technology, superior input voltage window for energy saving, ECO mode, parallel capability(for 6K/10KVA), smart fan-speed control, optional powerful charger, is an ideal solution to your computer center, network center, communication system, automatic control system or other critical systems.

Features

- True Online Double Conversion with DSP Control
- Mimic LCD Display with Multifunction Parameter Settings & operational status
- Superior wide input voltage range for the harshest environment.
- Smart fan-speed control design
- Support Generator Input
- Support Economic Operation Mode
- Optional Powerful Charger for battery backup extension.
- Configurable Battery Voltage Setting may easily adapt to user's demand(for 6KVA up)
- Cold Start Function is built-in.
- Bundled Communication Software supports Windows application, etc.
- Parallel up to Four Units(for 6KVA up)
- Common Battery when several UPS in Parallel

Model	EP-9101	EP-9102	EP-9103	EP-9106	EP-9110
Capacity (VA/W)	1000VA/800W	2000VA/1600W	3000VA/2400W	6000VA/4800W	10000VA/8000W
Input	Phase	Single phase & Ground			
	Rated Voltage	200/208/220/230/240VAC			220/230Vac
	Voltage Range	115-295Vac		120-276Vac	
	Frequency Range	45Hz-65Hz(auto detect)		40-70Hz(auto detect)	
	Power Factor	≥0.98		≥0.99	
	Current THDi	<7% at 100% non-linear load		≤5% at non-linear load	
	Bypass Voltage Range	Max.voltage: +15%(optional +5%, +10%, +25%) Min. voltage: -45% (optional -20%, -30%) Frequency protection range: ±10%			
	ECO Range	same as the bypass			
	Generator Input	Support			
Output	Phase	Single phase & Ground			
	Rated Voltage	200/208/220/230/240VAC			220/230Vac
	Power Factor	0.8			
	Voltage Regulation	±2%			
	Frequency	Utility Mode	50Hz or 60Hz(synchronized to Mains)		±1%, ±2%, ±4%, ±5%, ±10% of the rated frequency(optional)
		Battery Mode	50/60Hz±0.02Hz		50/60Hz±0.2%
	Crest Factor	3:1			
	THD	≤3% with linear load ≤5% with non linear load		≤2% with linear load ≤5% with non linear load	
	Waveform	Pure Sinewave			
Efficiency	AC Mode(full load)	>89%	>90%	≥90%	
	ECO Mode(full load)	>94%		≥98%	
Battery	Voltage	24Vdc	48Vdc	72Vdc	192/216/240Vdc configurable front LCD panel
	Quantity	2pcs	4pcs	6pcs	16pcs(optional 18/20pcs)
	Capacity(standard unit)	12V/7AH			7AH 9AH
	Backup	Half Load>=8 min; Full load>=3 min.			Full load>=2 min.
	Recharge time to 90%	5 hours			
	Charging Current (Built-in/Optional)	1A/ 7A			
Transfer Time	Utility to Battery : 0ms; Utility to bypass: <4ms				
Protection	Overload	AC Mode	Load≤100%-150%: last 30S, ≥150%: last 300ms then shut down UPS immediately.		Load≤110%: last 60min., ≤125%: last 10 min., ≤150%: last 1min., ≥150% shut down UPS immediately.
		Bat. Mode	Load≤100%-150%: last 30S, ≥150%: last 300ms then shut down UPS immediately.		Load≤110%: last 60min., ≤125%: last 10 min., ≤150%: last 1min., ≥150% shut down UPS immediately.
		Bypass Mode	Load > 130%: 60S then shut down output		40A(Input Breaker) 60A(Input Breaker)
	Short Circuit	Hold Whole System			
	Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately			
	Battery Low	Alarm and Switch off			
	Self-diagnostics	Upon Power On and Software Control			
	EPO(optional)	Shut down UPS immediately			
Battery	Advanced Battery Management				
Noise Suppression	Complied with EN62040-2				
Alarms	Audible & Visual	Line Failure, Battery Low, Overload, System Fault			
Display	Status LED & LCD	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault			
	Reading On the LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature			
Physical	Dimension(WxHxD)mm	144x215x361	191x337x428		250x655x590
	Weight (Kg)	10.2	19.5	24	70 80
	Input Connection	IEC320-C14-10A	IEC320-C20-16A	IEC320-C20-16A	Hardwire
	Output Connection	IEC320-C13-10A x 3	IEC C13-10A x 4	IEC320 C13-10A x 4 & C19-16A x 1	Hardwire
Communication Interface	Communication Port	RS232/USB			RS232/RS485
	Communication Slot	SNMP Card, Dry Contact Board,etc.			SNMP Card, Dry Contact Board, Parallel Module, Centralized monitoring Card
Environment	Operating Temperature	0°C~40°C			
	Storage Temperature	-25°C~+55°C			
	Humidity	0~95% non condensing			
	Altitude	< 1500m (derating while >1500m)			
	Noise	<50dB(at 1 meter)		<60dB(at 1 meter)	
Safety Conformance	CE,EN/IEC 62040-2,EN/IEC 62040-1-1				



Specifications subject to change without prior notice.

