

NER PLUS[®]

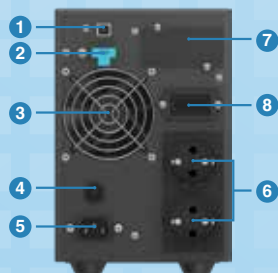


▲ EP 2-3K

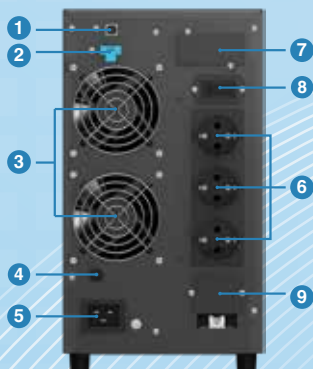
▲ EP 1K

HIGH PERFORMANCE TRUE DOUBLE CONVERSION ONLINE UPS

- DSP Control
- 0.8 Output Power Factor
- Wide Input Range
- High efficiency mode(ECO)
- Frequency Converter Mode
- Input THDi<5%
- Output Voltage Regulation <2%
- Output THDv<3%
- Auto Self-Testing System
- Extendable Run Time
- Fan Speed Control
- Power Management Software
- Multiple Communication Ports
- Optional SNMP & Relay Cards
- Temperature Compensation
- Compact Design



EP 1K



EP 2K / EP 3K

- 1-3K**
1. USB Port
 2. EPO
 3. Cooling Fan
 4. Input Breaker
 5. Input Socket *
 6. Output Socket
 7. Intelligent Slot
 8. Battery Connector (Option)
 9. Output Terminal

*: EP 1K / EP 1KS / EP 2K:10A socket; EP 2KS / EP 3K:16A socket; EP 3KS:Terminal Block

MODEL	EP 1K	EP 1KS	EP 2K	EP 2KS	EP 3K	EP 3KS	
CAPACITY	VA/W		1000VA/800W	2000VA/1600W	3000VA/2400W		
INPUT	Voltage Range						110~300VAC Depends on Load Level
	Frequency Range						45-55Hz / 54-66Hz
	Phase						Single Phase with Ground
	THDI						< 5% with Full Load
	Power Factor						≥0.99
OUTPUT	Voltage						200/208220/230/240VAC
	Voltage Regulation						±2%
	Frequency (Synchronized Range)						45-55Hz/54-66Hz
	Frequency (BAT Mode)						50/60Hz±0.2Hz
	Current Crest Ratio						3:1
	Harmonic Distortion						<3% @ Linear Load <5% @ Non-Linear Load
	Output Waveform						Pure Sine Wave
	Overload Capacity	Line Mode	1min @105%-110% load 30s @ 110%-120% load 10s@125%-150%				1s@>150%load
EFFICIENCY	Line Mode		>88%				
	BAT Mode		>85%				
	ECO Mode		>93%				
BATTERY	Number of Batteries	3	Depending on The Capacity of External Batteries	8	8	Depending on the Capacity of External Batteries	
	Battery Type	12V/7Ah		12V/7Ah	12V/7Ah		
	Backup Time	>5 Minutes		>9 Minutes	>5 Minutes		
	Recharge Time	5 Hours to 90%		5 hours to 90%	5 Hours to 90%		
	Charging Current	1A		8A	1A		8A 12A (Optional)
TRANSFER TIME	BAT <--> LINE						0ms
	INV <--> BYPASS						<4ms
	INV-->ECO						<4ms
	ECO--> INV						<10ms
INDICATOR	LCD						Load/Battery/Input/Output/Operating Mode Information
AUDIBLE ALARM	BAT Mode						Sounding Every 4 Seconds
	Battery Low						Sounding Every Second
	Fault						Continuously Sounding
	Overload Capacity						Sounding Twice Every Second
DIMENSION	Tower Case (WxHxD)mm		145×220×400	192×347×460	192×347×460		
ENVIRONMENT	Operation Environment						0-45℃
	Relative Humidity						20-90% (Non-Condensing)
	Noise Level						<50dB @ Front 1 Meter
INTERFACE	USB						Software Supports Windows Family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGIIRIX, FreeBSD, HP-UX, MAC
	External Slot						SNMP/AS400/Relay Card
	EPO						Emergency Power Off