

E Series

1~10 KVA

Online high frequency
N+X modularization



Basic Features

E series **E1K(S)~3E10KS UPS** is the high-end and low power online UPS which promotes specially in view of the medium and small-sized enterprises and small power supply environment demands, and it can provide the high reliable power source protection for user's department level server, small local area network, workstation, labor control machine, small medical equipment, and other small precise electronic instrumentation .

- Advanced work mode
- DSP full digitalization control
- N+X parallel redundancy function (above 6K model)
- Realizes the plan elastic demand, saves the cost of investment.
- Increases system reliability, prolongs UPS using life.
- Battery group design
- Strong adaptation
- Support charger expansion function
- Intelligent management
- Standard RS232 interface

Specification

Model	E1K E1KS	E2K E2KS	E3K E3KS	E6K E6KS	E10K E10KS	3E10KS	
Rated capacity	1KVA/0.8KW	2KVA/1.6KW	3KVA/2.4KW	6KVA/4.8KW	10KVA/8KW		
Input	Voltage	145Vac~285Vac			120~275Vac	210~475Vac	
	Frequency	50Hz±5%			46~64Hz 50/60Hz Automatic diagnosis		
	Power factor	0.99				0.95	
	Wiring	Single phase 2 wiring + ground wire				3 phase 4 wiring + ground wire	
Output	Voltage	220(1±3%)Vac (battery mode)			220×(1±1%)Vac (battery mode)		
	Frequency	50 (1±0.5%) Hz			Main and input in-phase, battery mode 50(1±0.2%)Hz		
	Wiring	Single phase 2 wiring + ground wire					
Output wave form	Sine wave						
Transfer time	Zero						
Standard model backup time (full load/half load)	>5/13'	>6/15'	>5/13'	>8/24'	>5/13'	---	
Battery voltage	36VADC	72V/96VDC	96VDC	192VDC			
Battery type	Valve regulated lead-acid free-maintenance battery						
Overload capacity	110%~130% lasts 10s then to bypass; Over 130% lasts 300ms			105%~125, to bypass after 1 min, no output after 30mins; 125~135%, to bypass after 30s, no output after 1min; > 135%, to bypass after 0.1s.			
Peak value factor	3:1						
Communication interface	RS232 interface + intelligent slot						
Display	LED			LED/LCD			
Work temperature	0°C~40°C						
Relative humidity	20~90% (non-condensing)						
Altitude	< 1000m						
Dimension (W×L×H) (mm)	145×405×220	195×455×330			248×500×616		
Weight (KG)	14.5/9	34/17	35/18	57/18	67. 5/20	27	



■ Load capacity in high altitude area=rated capacity ×falls rating factor

Elevation(m)	1000	1500	2000	2500	3000	3500	4000	4500	5000
Falls rating factor	100%	95%	91%	86%	82%	78%	74%	70%	67%