

Online high frequency ME3C series UPS



Product features

- 1. Real realization of online double conversion
- 2. High performance machine using DSP technology
- 3. Wide power input range (190V-520V)
- 4. The output frequency can be selectively adjusted to 50Hz/60Hz
- 5. ECO mode provides energy saving effect (ECO)
- 6. Emergency Power Off (EPO)
- 7. Compatible with engine power supply
- 8. The charger capacity is extended to 8A for longer running time
- 9. SNMP+USB+RS-232 multiple monitoring
- 10. Three-stage expandable charging design to ensure superior performance of the battery
- 11. By-pass maintenance design
- 12. Battery quantity is adjustable
- 13. Support single-phase input

Application

- 1. Departmental servers
- 2. Small LAN
- 3. Workstation
- 4. IPO
- 5. Small medical devices
- 6. Small precision electronic instruments
- 7. Enterprise Server
- 8. Enterprise Lan
- 9. High-end servers
- 10. Network Equipment
- 11. Data center room
- 12. Sophisticated electronic equipment

Model		ME3C10K(S)		ME3C15K(S)		ME3C20K(S)	
Phase		3 IN / 1 OUT					
Capacity		10KVA / 8KW		15KVA / 12KW		20KVA / 16KW	
Input							
Input voltage		3x400 VAC (3Ph+N)					
Voltage range		190-520 VAC @50% load ; 305-520 VAC @100% load					
Frequency range		46~54 Hz or 56~64Hz					
Output							
Output voltage		208/220/230/240VAC					
Voltage range (battery mode)		± 1%					
Frequency Range (Synchronization Correction Range)		46~54 Hz or 56~64 Hz					
Frequency range (battery mode)		50Hz ± 0.2Hz or 60Hz ± 0.2Hz					
Surge ratio		3:1(Max)					
Harmonic distortion		≤3% THD(Linear load) ; ≤5%THD (Non-linear load)					
Transfer time	AC to DC	0 ms					
	Inverton to bypass	0 ms					
Waveform (battery mode)		pure sine wave					
Efficiency							
AC mode		91%		91%		93%	
Battery mode		91%		91%		87%	
Battery							
Standard Model	Battery model	12V / 9AH				\	
	Quantity	16(Standard)	20(Specific)	16(Standard)	20(Specific)		
	Standard charging time	9 hours to 90%					
	Maximum charging current	Preset 1A, 1A/2A/4A/6A Adjustable					
	Charging voltage	218.4VDC ± 1%	273VDC ± 1%	218.4VDC ± 1%	273VDC ± 1%		
Long-run Model	Battery model	Depends requirements					
	Quantity	16	20	16	20	16	
	Maximum charging current	Preset 4A, 1A/2A/4A/6A Adjustable					
	Charging voltage	218.4VDC ± 1%	273VDC ± 1%	218.4VDC ± 1%	273VDC ± 1%	218.4VDC ± 1%	273VDC ± 1%
Display illustration							
LCD display		System status, Load Power, battery capacity, Mains Mode, battery mode, bypass mode, input/output voltage, fault indication					
Warning sound							
Battery model		Alarm beeps every four seconds					
Low battery		Alarm beeps every one second					
Overload		Alarm beeps every 0.5 second					
Fault		Alarm beeps continously					
Physical properties							
Standard Model	D×W×H (mm)	442 × 190 ×688				\	
	Net weight (kg)	66	76	67	78		
Long-run Model	D×W×H (mm)	442 × 190 ×318				575 × 190 ×318	
	Net weight (kg)	15		16		22	
Operating environment							
Temperature and humidity		Relative humidity 0-95% and temperature 0-40℃(no condensation)					
Noise		<58dBA@1 meter		<60dBA@1 meter			
Control management							
RS-232/USB		Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix,					
Optional SNMP		Power management supports SNMP management and network management					