



产品特性 Product features

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| <ul style="list-style-type: none"> • 1.简洁、紧凑、大方的机器外观 • 2.超宽市电输入范围 • 3.卓越的微处理器确保可靠运行 • 4.自动调节市电升压、降压，稳定电压输出 • 5.市电重启功能 • 6.输出模拟正弦波 • 7.关机充电功能 • 8.冷启动功能 • 9.兼容发电机 | <ul style="list-style-type: none"> • 1. Simple, compact and generous machine appearance • 2. Super wide mains input range • 3. Excellent microprocessor to ensure reliable operation • 4. Automatic adjustment of the AC mains voltage rise, voltage decrease stable voltage output • 5. Mains restart function • 6. Output modified sine wave • 7. Automatic charge in off-mode • 8. Cold start function • 9. Compatible generators |
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应用范围 Application

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| <ul style="list-style-type: none"> • 1.部门服务器 • 2.小型局域网 • 3.工作站 • 4.IPO • 5.小型医疗器械 • 6.小型精密电子仪器 • 7.企业服务器 • 8.企业局域网 • 9.高端服务器 • 10.网络设备 • 11.数据中心机房 • 12.精密电子设备 | <ul style="list-style-type: none"> • 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. Precision electronic equipment |
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本厂型号 Model	K600	K1000	K1200	K2000	K3000
容量 Capacity	600 VA / 360 W	1000VA/480W	1000 VA / 720 W	2000 VA / 1200 W	1600W
输入 Input					
电压 Voltage	220VAC	220VAC	220VAC	220VAC	220VAC
电压范围 AC Mains Input Voltage Range	145-280 VAC	145-280 VAC	145-280 VAC	145-280 VAC	145-280 VAC
频率 Frequency	50 Hz				
输出 Output					
电压范围(电池模式) Voltage Range(Battery Mode)	±10%				
频率范围(电池模式) Frequency Range(Battery Mode)	50 Hz ±1 Hz				
转换时间 Transfer Time	一般 2-6 ms, 最多不超过10ms				
波形(电池) Waveform(Battery)	模拟正弦波 Modified sine wave				纯正弦波 pure sine wave
电池 Battery					
电池型号 & 数量 Battery model & Quantity	12 V 7Ah x 1	12 V 9 Ah x 1	12 V 7 Ah x 2	12 V 9Ah x 2	12 V 7 Ah x 4
充电时间 Battery Charging Time	6小时充至90% 6 hours charge to 90%				4小时充至90% 4 hours charge to 90%
指示灯说明 LED Indicators					
市电模式 AC Mode	黄灯亮 Yellow light			绿灯亮 Green light	
电池模式 Battery Mode	黄灯闪 Yellow light flash			红灯闪 Red light flash	
警告声音 Audible alarm					
电池模式 Battery Mode	每6秒响一声 Alarm beeps every four seconds				
电池电量低 Low battery	每1秒响一声 Alarm beeps every one seconds				
过载 Overload	每0.5秒响一声(1秒二声) Alarm beeps every 0.5 seconds				
错误 Fault	连续鸣响 Alarm beeps continuously				
保护功能 Protection Function					
全面保护 Comprehensive Protection	过载, 深度放电及过充保护 Overload, deep discharge and over-charge protection				
物理性能 Physical Function					
机器尺寸 Dimensions D X W X H (mm)	335x87x143		312x122x195	360x122x195	405x144x213
重量(kgs) Weight (kgs)	4.4	6.9	8.4	12.3	17.6
使用环境 Environment					
温湿度 Temperature And Humidity	相对湿度 0-90 % 且 温度 0-40°C (不结露条件) Relative humidity 0-90 % and temperature 0-40°C (No-condensing)				
噪音 Noise	少于 40dB @ 1米处 less than 40dB at one meter distance				

Line Interactive Pure Sine Wave CYE(F) series UPS
互动式CYE(F)系列UPS



产品特性 Product features

- 1. 环形变压器设计, 效率高, 静态功耗小
- 2. 输出具有短路保护设置, 不必因为误操作而担心损坏机器
- 3. 输出电压, 电池电压节数, 充电电流可调
- 4. 具有电池过放电保护, 电池过充电保护
- 5. 采用CPU设计, 电脑接口, 具备自我侦测功能
- 6. 具有三级防雷保护, 全天候保护您的设备
- 7. 多功能报警
- 8. 超强滤波功能, 轻松解决干扰

- 1. Built-in toroidal transformer with high efficiency and low static power consumption.
- 2. A short circuit protection setting in the output, so no need to worry about damaging the machine due to misoperation.
- 3. The output voltage, the number of battery voltage sections and the charging current are adjustable.
- 4. With battery over-discharge protection and battery over-charge protection.
- 5. Using CPU design, computer interface, with self-detection function.
- 6. The three levels of lightning protection is to protect your equipment around the clock.
- 7. Multifunctional alarms.
- 8. Super filter function, easy to solve the interference

应用范围 Application

- 1. 部门服务器
- 2. 小型局域网
- 3. 工作站
- 4. IPO
- 5. 小型医疗器械
- 6. 小型精密电子仪器
- 7. 企业服务器
- 8. 企业局域网
- 9. 高端服务器
- 10. 网络设备
- 11. 数据中心机房
- 12. 精密电子设备

- 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

本厂型号 Model	CYE1K (S)	CYE2K (S)	CYF3K (S)	CYF6K (S)	CYF10K (S)	
相位 Phase	单相接地 Single-phase to ground					
容量 Capacity	1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	6000 VA / 4800 W	10000 VA / 8000 W	
输入 Import						
电压范围 Input voltage	145-280VAC			145-280VAC		
频率范围 Voltage range	46Hz ~ 54 Hz 或 56Hz ~ 64 Hz			46Hz ~ 54 Hz 或 56Hz ~ 64 Hz		
功率因数 Frequency range	100%负载时 ≈ 0.98					
输出 Output						
输出电压 Output voltage	220VAC $\pm 10\%$					
电压范围 (电池模式) Voltage range (battery mode)	$\pm 2\%$ ($\pm 10\%$ 市电模式)			$\pm 1\%$ ($\pm 10\%$ 市电模式)		
频率范围(同步校正范围) Frequency Range (Synchronization Correction Range)	47~ 53 Hz 或 57 ~ 63 Hz			46Hz ~ 54 Hz 或 56Hz ~ 64 Hz		
频率范围 (电池模式) Frequency range (battery mode)	50 Hz ± 0.25 Hz			50 Hz ± 0.1 Hz 或 60 Hz ± 0.1 Hz		
浪涌比率 Surge ratio	3:1					
谐波失真 Harmonic distortion	$\leq 3\%$ THD (线性负载)(Linear load)					
转换时间 Transfer time	≤ 8 ms					
波形 Waveform	纯正弦波 pure sine wave					
电池 Battery						
标机 Marking machine	电池型号 Battery model	12V / 7AH		12V / 7AH	12V / 7AH	
	数量 Quantity	2	4或6	6	14	
	最大充电电流 Maximum	1.5A (最大) (Max)			2.0A 最大(Max)	
	充电电压 Charging voltage	27.5VDC $\pm 1\%$	55/82.1VDC $\pm 1\%$	82.1VDC $\pm 1\%$	178.5 VDC $\pm 1\%$	218.4 VDC $\pm 1\%$
长效机 Long-run Model	电池型号 Battery model	取决于申请商 Depends on the applicant				
	数量 Quantity	3	6	8	16 (可选18, 20)	
	最大充电电流 Maximum	6A(可调) (Adjustable)	6A(可调) (Adjustable)	8A(可调) (Adjustable)	6A(可调) (Adjustable)	
	充电电压 Charging voltage	41.0VDC $\pm 1\%$	82.1VDC $\pm 1\%$	109.4VDC $\pm 1\%$	218.4 VDC $\pm 1\%$	
外观 Display Description						
LCD or LED 显示 LCD or LED indicators	负载大小, 电池容量, 市电模式, 电池模式, 旁路模式, 故障指示 System status, load size, battery capacity, mains mode, battery mode, bypass mode, input/output voltage, fault indication					
报警 Warning sound						
电池模式 Battery model	每4秒响一声 Alarm beeps every four seconds					
电池电量低 Battery discharge	每1秒响一声 Alarm beeps every one seconds					
过载 Overload	每1秒响一声 Alarm beeps every one seconds					
错误 Fault	连续鸣响 Alarm beeps continuously					
外形尺寸 Dimension						
标机 Standard Model	尺寸, 深x宽x高 (mm) Dimension	352x145x213		450x192x335		
	净重(公斤) Weight	12.96	25.3/29.7	33	52.5	
长效机种 Long Run Model	尺寸, 深x宽x高 (mm) Dimension	352x145x213		405x144x213		
	净重(公斤) Weight	9.54	10.25	12.65	28	
使用环境 Operating environment						
温湿度 Temperature and humidity	相对湿度 20-90 % 且 温度 0-40°C (不结露) Humidity 20-95 % Temperature: 0-40°C (No condensation)			相对湿度 0-95 % 且 温度 0-40°C (不结露) Humidity 20-95 % Temperature: 0-40°C (No condensation)		
噪音 Noise	少于45dBA @ 1米处 <45dBA@1 meter					
控制管理 Control Management						
Smart RS-232/ USB	支持 Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix.					
可选 SNMP Optional SNMP	电源管理支持SNMP管理与网络管理 SNMP optional					

Online high frequency CQ series UPS
在线高频式CQ系列UPS



产品特性 Product features

- 1. 纯正弦波输出, 在线零转换时间
- 2. 输入频率范围宽, 40-70HZ可调节
- 3. 具输出短路保护及过载保护
- 4. 具全时间防雷击、杂讯及浪涌保护
- 5. 采用LCD显示屏显示, 状态参数一目了然
- 6. 同时具有RS232通讯接口
- 7. 双面线路板设计, 安全可靠更高
- 8. 面板可设置多种常用技术参数
- 9. 可搭配电力监控软件“电子管理专家”, 使UPS网络及远程监控
- 10. 输出功率因数可达1.0
- 11. 超强滤波功能, 轻松解决干扰

- 1. Pure sine wave output, online zero conversion time
- 2. Wide input frequency range, adjustable from 40-70HZ
- 3. Output short circuit protection and overload protection
- 4. Full-time lightning protection, noise and surge protection
- 5. The LCD screen is to display the status parameters at a glance
- 6. The RS232 communication interface is applied
- 7. Double-sided circuit board design with higher safety and reliability
- 8. Various common technical parameters can be set on the panel
- 9. Can be equipped with the power monitoring software "Electronic Management Expert" to enable UPS network and remote monitoring
- 10. Output power 1.0
- 11. Super filter function, easy to solve the interference

应用范围 Application

- 1. 部门服务器
- 2. 小型局域网
- 3. 工作站
- 4. IPO
- 5. 小型医疗器械
- 6. 小型精密电子仪器
- 7. 企业服务器
- 8. 企业局域网
- 9. 高端服务器
- 10. 网络设备
- 11. 数据中心机房
- 12. 精密电子设备

- 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

本厂型号Module	CQ1K (S)	CQ2K (S)	CQ3K (S)	CQ6K (S)	CQ10K (S)
相位Phase	单相接地 Single-phase to ground				
容量Capacity	1000 VA / 1000W	2000 VA / 2000 W	3000 VA / 3000 W	6000 VA / 6000 W	10000 VA / 10000 W
输入 Input					
电压范围Voltage range	110-300VAC 于 60% (负载)(Load) 160-300 VAC 于 100% (负载)(Load)			110-300VAC 于 50%(负载)(Load) 176-300 VAC 于 100%(负载)(Load)	
频率范围Frequency range	40Hz ~ 70 Hz				
功率因数Power factor	100%(负载)(Load)≥0.95	100%(负载)(Load)≥0.97	100%(负载)(Load)≥0.97	100%(负载)(Load)≥0.97	100%(负载)(Load)≥0.99
输出 Output					
输出电压Output voltage	220VAC±1%(208,210,230,240面板可调)(208,210,230,240Adjustable)				
电压范围 (电池模式) Voltage range (battery mode)	± 1%				
频率范围(同步校正范围)Frequency Range (Synchronization Correction Range)	47~ 53 Hz or 57 ~ 63 Hz				
频率范围 (电池模式) Frequency range (battery mode)	50 Hz 60HZ(可选)(Adjustable)± 0.25 Hz				
浪涌比率Surge ratio	3:1				
谐波失真 Total Harmonic distortion	≤ 3% THD (线性负载)(Linear load) ≤ 6% THD (非线性负载)(Non-Linear load)				
转换时间 Transfer time	0ms				
逆变到旁路Inversion to bypass	4 ms (标准条件下)(Standard)				
波形Waveform	纯正弦波pure sine wave				
电池 Battery					
电池型号Battery model	12V / 7AH				
数量Quantity	2	4	6	12	16
最大充电电流Maximum charging current	1.0A (最大)(Max)			1A,2A,3A,4A,5A,6A,7A,8A,9A,10A可调节	
充电电压Charging voltage	27.5 (41.0)VDC ± 1%	55(82.1)VDC ± 1%	82.1(110)VDC ± 1%	165(192.5)VDC ± 1%	220VDC ± 1%
电池型号Battery model	取决于申请商 Depend on requirements				
数量Quantity	3	6	8	16	16
最大充电电流Maximum charging current	1A,2A,3A,4A,5A,6A,7A,8A,9A,10A可调节(Adjustable)				
充电电压Charging voltage	41.0VDC ± 1%	82.1VDC ± 1%	110VDC ± 1%	220VDC ± 1%	220VDC ± 1%
外观Appearance					
LCD or LED显示	系统状态、负载大小、电池容量、市电模式、电池模式、旁路模式、故障指示 System state ,Load power , battery capacity, utility power mode, battery mode, bypass mode, fault indication				
报警Warning					
电池模式Battery model	每4秒响一声Alarm beeps every four seconds				
电池电量低Low Battery	每1秒响一声Alarm beeps every seconds				
过载Overload	每1秒响一声Alarm beeps every seconds				
错误Fault	连续鸣响Alarm beeps continuously				
外形尺寸 Appearance&Dimension					
尺寸, 深×宽×高 (mm) Dimension(mm)	284x145x213	395x145x213	450x192x335	450x192x730(含轮子)	
净重 (公斤) Net weight(KG)	7.68	12.1	23.7	40.78	50.1
尺寸, 深×宽×高 (mm) Dimension(mm)	284x145x213	395x145x213	380x145x213	450x192x335	
净重 (公斤) Net weight(KG)	3.97	5.36	5.77	9.42	10.4
使用环境Operating environment					
温度湿度Temperature and Humidity	相对湿度 20-90 % 且 温度 0-40°C (不结露) Relative humidity 20-90% and temperature 0-40 °C (no condensation)				
噪音Noise	少于50dBA @ 1米处 <50dBA@ 1 meter				
控制管理 Control management					
Smart RS-232 可选 Optinal SNMP	支持 Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, 电源管理支持SNMP管理与网络管理				

Online high frequency CE3C series UPS
在线高频式CE3C系列UPS



产品特性 Product features

- 1.真正实现在线双转换
- 2.运用DSP技术的高性能机器
- 3.宽市电输入范围 (190V-520V)
- 4.输出频率可选择性调整为50Hz/60Hz
- 5.ECO 模式提供节能效果 (ECO)
- 6.紧急电源关闭(EPO)
- 7.兼容发动机供电
- 8.充电器容量扩展到8A可运行更长时间
- 9.SNMP+USB+RS-232 多重监控
- 10.三段式可扩展充电设计以确保电池更优越的表现
- 11.有旁路维护设计
- 12.电池数量可调
- 13.支持单相输入

- 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

应用范围 Application

- 1.部门服务器
- 2.小型局域网
- 3.工作站
- 4.IPO
- 5.小型医疗器械
- 6.小型精密电子仪器
- 7.企业服务器
- 8.企业局域网
- 9.高端服务器
- 10.网络设备
- 11.数据中心机房
- 12.精密电子设备

- 1. Departmental servers
- 2. Small LAN
- 3. Workstation
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- 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

本厂型号 Model	CE3C10K(S)	CE3C15K(S)	CE3C20KS		
相位 Phase	3进单出 3 IN/1 OUT				
容量 Capacity	10KVA / 8KW	15KVA / 12KW	20KVA / 16KW		
输入 Input					
输入电压 Input voltage	3 x 400 VAC (3Ph+N)				
电压范围 Voltage range	190-520 VAC (3相) @ 50% load 305-520 VAC (3相) @ 100% load				
频率范围 Frequency range	46-54 Hz or 56-64Hz				
输出 Output					
输出电压 Output voltage	208/220/230/240VAC				
电压范围 (电池模式) Voltage range (battery mode)	± 1%				
频率范围 (同步校正范围) Frequency Range (Synchronization Correction Range)	46-54 Hz 或 56-64 Hz				
频率范围 (电池模式) Frequency range (battery mode)	50 Hz ± 0.2 Hz 或 60 Hz ± 0.2 Hz				
浪涌比率 Surge ratio	3:1 (最大) (Max)				
谐波失真 Harmonic distortion	= 3% THD (线性负载) (Linear load); = 5% THD (非线性负载) (Non-linear load)				
转换时间 Transfer time	交流到直流 AC to DC	无 Oms			
	逆变到旁路 Inversion to bypass	无 Oms			
波形 (电池模式) Waveform (battery mode)	纯正正弦波 pure sine wave				
效率 Efficiency					
市电模式 AC model	91%	91%	93%		
电池模式 Battery mode	91%	91%	87%		
电池 Battery					
标机 Standard Model	电池型号 Battery model	12 V / 9 AH			
	数量 Quantity	16 颗 (标配) (Standard)	20 颗 (特定) (Specific)	16 颗 (标配) (Standard)	20 颗 (特定) (Specific)
	标准充电时间 Standard charging time	9小时充到90% 9 hours to 90%			
	最大充电电流 Maximum charging current	预设1A, 1A/2A/4A/8A可调			
长效机 Long-run Model	电池型号 Battery model	取决于申请 Depends requirements			
	数量 Quantity	16	20	16	20
	最大充电电流 Maximum charging current	预设 4A, 1A/2A/4A/8A 可调 Adjustable			
	充电电压 Charging voltage	218.4 VDC ± 1%	273 VDC ± 1%	218.4 VDC ± 1%	273 VDC ± 1%
显示说明 Display illustration					
LCD显示 LCD display	系统状态, 负载大小, 电池容量, 市电模式, 电池模式, 旁路模式, 输入/输出电压, 故障指示 System state, load power, battery capacity, utility power mode, battery mode, bypass mode, input/output voltage, fault indication				
警告声音 Warning sound					
电池模式 Battery model	每4秒响一声 Alarm beeps every four second				
电池电量低 Low battery	每一秒响一声 Alarm beeps every second				
过载 Overload	每0.5秒响一声 Alarm beeps every 0.5 second				
错误 Fault	连续鸣响 Alarm beeps continuously				
物理性能 Physical properties					
标机 Marking machine	DXWXH (mm)	442 X 190 X 688			
	Net weight (kg)	66	76	67	78
长效机 Long-run Model	DXWXH (mm)	442 X 190 X 318			
	Net weight (kg)	15		16	22
操作环境 Operating environment					
温度湿度 Temperature and humidity	相对湿度 0-95% 且 温度 0-40°C (不结露) Relative humidity 0-95% and temperature 0-40°C (no condensation)				
噪音 Noise	少于58dB@1米 <58dB@1 meter		少于60dB@1米 <60dB@1 meter		
控制管理 Control management					
智能 RS-232/USB	支持 Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC				
可选SNMP Optional SNMP	电源管理支持SNMP管理与网络管理 Power management supports SNMP management and network management				

**3 In/3 Out Online Low frequency GESS series UPS
三进三出在线工频式GESS系列UPS**



产品特性Product features

- 1. 数字化控制实现在线双转换
- 2. 内置输出隔离变压器
- 3. 工业化设计应用于各种恶劣条件
- 4. 正面维护设计,适应各种负载条件
- 5. 可至多并机4台运作
- 6. 丰富的通讯接口, RS232,RS485,干接点, USB.
- 7. 无市电直流启动

- 1. Digital control to achieve online double conversion
- 2. Built-in output isolation transformer
- 3. Industrial design is applied to all kinds of harsh conditions
- 4. Front maintenance design adapts to various load conditions
- 5. Up to 4 units can be operated in parallel
- 6. Rich communication interface,RS232,RS485,Dry contact,USB
- 7. DC start without mains

应用范围Application

- 1. 核心服务器
- 2. 网络工作站
- 3. 程序控制
- 4. 实验室仪器
- 5. 数据中心前端维护设计
- 6. 医疗仪器
- 7. 工业设备

- 1. Critical servers
- 2. Network station
- 3. Process control
- 4. Laboratory instruments
- 5. Data center front maintenance design
- 6. Medical instruments
- 7. Industrial equipment

本厂型号 Model	GE SS10S	GE SS20S	GE SS30S	GE SS40S	GE SS60S	GE SS80S	GE SS100S	GE SS120S	GE SS160S	GE SS200S
容量 Capacity	10KVA/8KW	20KVA/12KW	30KVA/24KW	40KVA/32KW	60KVA/48KW	80KVA/64KW	100KVA/80KW	120KVA/96KW	160KVA/128KW	200VA/160KW
输入 Input										
额定电压 Input Rated Voltage	3 x 380VAC/400VAC (3相+N线)(3Ph+N)									
电压范围 Input Voltage Range	285VAC ~ 475VAC									
频率范围 Input Frequency	50/60 Hz ± 10 %									
输出 Output										
输出电压 Output voltage	3 x 380VAC/400VAC (3相+N线)(3Ph+N)									
电压稳定性 Voltage stability	稳态: ±1% 典型值;瞬态: ±5% 典型值(负载变化 100-0-100%) Steady: ±1% Typical, Dynamic: ±5% Typical load									
频率同步范围 Frequency Range (Synchronization Correction)	50/60 Hz 同步(Unbalanced load) ±1 % 市电丢失(Mains power loss) ±0.1 Hz									
频率跟踪速率 Frequency tracking rate	±1 Hz/s									
输出波形 Waveform	正弦波 Pure sine wave									
总谐波(THDv) Total harmonic (THDv)	<2% (线性负载)(Linear load)									
相位不平衡度 Phase unbalance	120° ±1% (平衡负载)(Linear load) 120° ±2% (50%不平衡负载)(Non-linear load)									
动态调整时间 Dynamic adjustment time	<60ms 恢复至额定值90% <60ms recover to 90%									
过载能力 Overload capacity	110% ~ 150% 可运行10min-1min; 150% ~ >160% 可运行1min-200ms; >160% 可运行200ms 110% ~ 150% can run for 10min-1min; 150% ~ >160% can run for 1min-200ms; >160% can run for 200ms									
峰值因素 The peak factor	3:1									
负载功率因素范围 Load power factor range	0.6~1 (容性或感性)									
不平衡输出电压 @ 100% 不平衡负载 Unbalanced output voltage @ 100% unbalanced load	<1%									
保护或限制 Protect or restrict.	极重过载; 短路; 电压有效值限制; 冲击电流; 峰值电压限制 Extremely heavy overload, Short circuit, Effective voltage limit, Impulse current, Peak voltage limit									
整机效率 Machine efficiency	在线模式 Online mode	89%	90%	91%	92%	92%	92%	92%	92%	92%
	电池模式 Battery mode	90%	91%	92%	92%	92%	92%	92%	92%	93%
旁路 Bypass										
类型 Type	静态开关 Static switch									
电压 Voltage	3 x 380VAC/400VAC (3相+N线)(3Ph+N)									
频率 Frequency	50/60 Hz									
控制方式 Control mode	微处理器 Microprocessor									
逆变器到旁路切换时间 Inverter to bypass switching time	同步模式: 0ms, 非同步模式: 10ms Synchronous mode: 0ms, asynchronous mode: 10ms									
过载能力 Overload capacity	150% ~ 180% 1h-30s; 180% ~ >200% 30s-200ms; 200ms for >200%									
切换到旁路 Switch to the bypass	过载160%; 立即切换 Overload 160%: Switch immediately									
切回逆变 Cut back to the inverter	报警清除后自动切换 After the alarm is cleared, it will switch automatically									
维修旁路 Maintenance bypass										
类型 Type	不间断 Uninterrupted									
电压 Voltage	3 x 400V (3相+N线)(3Ph+N)									
频率 Frequency	50/60 Hz									
电池&充电 Battery&Charging										
电池节数(12V) Quantities	29/30/31/32 (可调)(Adjustable)									
充电方式 Charging way	可选: 恒压充电/恒流充电 Optional: constant voltage charging/constant current charging									
充电电流 Charging current	10A						20A-40A			
电池类型 Battery type	密封铅酸电池, 镍铬电池 Sealed lead-acid batteries, nickel-chromium batteries									
结构参数 Structural parameters										
尺寸, 长 x 宽 x 高(mm) Dimension: L x W x H (MM)	656 x 405 x 817	656 x 405 x 941	821 x 432 x 1159				975 x 554 x 1286		1051 x 705 x 1376	
净重(公斤) Net Weight (KG)	118	133	193	256	297	400	472	573	717	735

Online High frequency CE3C3P series UPS
高频式CE3C3P系列UPS



产品特性 Product features

- 1. 纯正双转换技术
- 2. DSP 技术保证高性能
- 3. 全相有源功率因数校正
- 4. 50Hz/60Hz变频器模式
- 5. 节能的ECO模式操作
- 6. 紧急关断功能 (EPO)
- 7. 发电机兼容
- 8. 双路交流输入(可选)
- 9. 多达6个单元并联运行, 可共用电池
- 10. 三段式充电设计, 优化电池性能
- 11. 可调电池数量
- 12. 标配维护旁路
- 13. 电源步入式功能
- 14. 可选隔离变压器

- 1. Pure double conversion technology
- 2. DSP technology guarantees high performance
- 3. Full phase active power factor correction
- 4. 50Hz/60Hz frequency converter mode
- 5. Energy-saving ECO mode operation
- 6. Emergency shutdown function (EPO)
- 7. Generator compatibility
- 8. Dual-channel AC input (Adjustable)
- 9. Up to 6 units run in parallel and can share batteries
- 10. Three-stage charging design to optimize the battery performance
- 11. Adjustable battery quantity
- 12. Standard maintenance bypass
- 13. Power walk-in function
- 14. Optional isolation transformer

应用范围 Application

- 1. 部门服务器
- 2. 小型局域网
- 3. 工作站
- 4. IPO
- 5. 小型医疗器械
- 6. 小型精密电子仪器
- 7. 企业服务器
- 8. 企业局域网
- 9. 高端服务器
- 10. 网络设备
- 11. 数据中心机房
- 12. 精密电子设备

- 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

本厂型号 Model	CE 3C3P30S	CE 3C3P40S	CE 3C3P60S	CE 3C3P80S	CE 3C3P100S	CE 3C3P120S	CE 3C3P150S	CE 3C3P200S	CE 3C3P250S
相位 Phase	三进三出 Three-phase input and output								
容量 Capacity	30KVA/24KW	40KVA/30KW	60KVA/48KW	80KVA/60KW	100KVA/80KW	120KVA/100KW	150KVA/120KW	200KVA/180KW	250KVA/200KW
并联数量 Number of parallel	6								
输入 Input									
额定电压 Nominal voltage	3 x 380/400/415 VAC (3PH+N)								
电压范围 Voltage range	110-300 VAC, 50% (负载) (Load); 176-276 VAC, 100% (负载) (Load)								
频率范围 Frequency Range	40-70Hz								
功率因数 Power factor	≥ 0.99 @ 100% (负载) (Load)								
输入电流谐波含量 (THD) Input current harmonic component (THD)	满线性负载时 <3% Linear load <3%								
输出 Output									
输出电压 Output Voltage	3 x 360°/380/400/415 VAC (3相+N)								
稳压精度 (电池模式) Accuracy of voltage stabilization (battery mode)	±1%								
频率范围(同步校正范围) Frequency Range (Synchronization Correction Range)	46-54Hz or 56-64Hz								
频率范围(电池模式) Frequency range (battery mode)	50 / 60 Hz ± 0.1 %								
电流波形比 Current wave peak ratio	3:1 (最大值) (Max)								
谐波失真 Harmonic distortion	≤ 1% THD (线性负载) (Linear load); ≤ 3% THD (非线性负载) (Non-linear load)								
转换时间 Transfer time	市电模式转电池模式 AC to DC	无 0ms							
	逆变转旁路 Inversion to bypass	无 0ms							
波形(电池模式) Waveform (battery mode)	纯正正弦波 Pure sine wave								
过载能力 Surge capability	100-110% 60 (分钟) (Min); 111-125% 10 (分钟) (Min); 126-150% 1 (分钟) (Min); >150% 400ms								
旁路 Bypass									
额定电压 Rated voltage	3 x 380/400/415 VAC (3PH+N)								
电压范围 Voltage range	-30% ~ +20% (可调) (Adjustable)								
频率范围 (同步范围) Frequency Range (Synchronization Range)	46-54Hz or 56-64Hz								
过载能力 Overload protection	>130% 1分钟 (默认值); 持续工作直到断路器保护 (可选) >130% 1min (standard) continuous to protection (Optional)								
效率 Efficiency									
交流模式 AC Mode	96.0%								
ECO 模式 ECO Mode	99.0%								
电池模式 Battery Mode	96.0%								
电池 Battery									
电池类型 Battery type	根据实际应用搭配多个电池箱 VRLA/GEL/Deep cycle/Opzv etc								
电池数量 Battery number	32-40 (可调) (Adjustable)								
最大充电电流 maximum charging current	1A-12A (可调) (Adjustable)	1A-12A (可调) (Adjustable)	1A-20A (可调) (Adjustable)	1A-20A (可调) (Adjustable)	2A-40A (可调) (Adjustable)	2A-40A (可调) (Adjustable)	3A-60A (可调) (Adjustable)	3A-60A (可调) (Adjustable)	3A-60A (可调) (Adjustable)
充电电压 Charging voltage	±13.65V/N (N=16-20)								
显示说明 Explicit declaration	7英寸彩色触摸屏显示面板 7-inch color touch LCD display panel								
	UPS 状态, 负载水平, 电池水平, 输入/输出电压, 放电定时器和故障条件 UPS status, Load power, battery level, input/output voltage, discharge timer and failure conditions								
物理性能 Physical performance									
尺寸 (深x宽x高) (mm) Dimensions (D x W x H) (mm)	815 x 300 x 1000				974x600x1600				
净重 (千克) Net weight (kg)	55	55	74	74	286	286	296	382	382
使用环境 Operating environment									
温度湿度 Temperature and humidity	0-40°C; 0-95% 相对湿度 (不冷凝) Relative humidity 0-95% and temperature 0-40°C (no condensation)								
海拔 Elevation	(满载时) 100% load 0-1500m								
噪音 Noise	少于 65dB @ 1 米 <65dB @ 1 meter				少于 75dB @ 1 米 <75dB @ 1 meter				
控制管理 Control Management									
智能 RS-232/USB	支持 Windows® 2000/2003/XP/Vista/2008/7/8, Linux 和 MAC								
可选 Optional SNMP	SNMP 管理器和 web 浏览器的电源管理								

Module MJ series UPS
高频模块式MJ系列UPS



产品特性 Product features

- 1. 高效双转换在线UPS,在线双转换设计最高效率可达96%
- 2. DSP模块并联控制设计,提高机器性能与容量扩展性
- 3. 输出功率因素Output PF=1 (KVA =KW)
- 4. N+1 or N+R 并联冗余应用设计增加系统灵活性、群定性和安全性
- 5. 模块化设计应用于电源模块、STS模块和电池模块,易于更新维护,可降低售后修费用
- 6. 内置维护旁开关便于维护
- 7. 充电电流可调, 每个模块最大充电电流可达8A
- 8. LCD图形化设计,显示更加直观清晰
- 9. 电池组可以并联,如果机器并机使用时

- 1. High-efficiency double-conversion online UPS, the highest efficiency of online double-conversion design can reach 96%
- 2. DSP module parallel control design improves the performance and capacity scalability
- 3. Output PF = 1 (KVA = KW)
- 4. N+1 or N+R parallel redundancy application design increases system flexibility, group characterization and safety
- 5. Modular design is applied to power module, STS module and battery module. It's easy to update and maintain, and can reduce the cost of after-sales maintenance
- 6. Built-in maintenance bypass switch for easy maintenance
- 7. Adjustable charging current, the maximum charging current of each module can reach 8A
- 8. LCD graphic design offers more intuitive and clearer display
- 9. If it's connected in parallel, the battery packs can be connected in parallel

应用范围 Application

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- 6. 小型精密电子仪器
- 7. 企业服务器
- 8. 企业局域网
- 9. 高端服务器
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本厂型号 Model	MJ 090315	MJ090330	MJ1200442	MJ1200430	MJ1800630	MJ2001042	MJ2100742	MJ3001042
相位 Phase	3-phase in/3-phase out							
机柜容量 Capacity	90KW or 60KW	90KW	120KW	120KW or 80KW	180KW or 120KW	200KW	210KW	300KW
电池模式 Battery model	外接电池组 External battery pack		内建电池模块可选 Built-in battery module			外接电池组 External battery pack		
电力模块容量 Power module capacity	PM-20HV : 20KVA/20KW or PM-30HV : 30KVA/30KW	PM-30HV : 30KVA/30KW	PM-30HV : 30KVA/30KW	PM-20HV : 20KVA/20KW or PM-30HV : 30KVA/30KW	PM-20HV : 20KVA/20KW	PM-30HV : 30KVA/30KW	PM-30HV : 30KVA/30KW	PM-30HV : 30KVA/30KW
可安装电力模块数量 Power module quantity	3	3	4	4	6	10	7+1	10
可安装电池模块套数 Battery module quantity		3	5	-	-			-
输入 Input								
额定电压 Rated Voltage	3 x 380VAC/400VAC/415VAC (3Ph+N)							
电压范围 Voltage Range	305 ~ 478 VAC at 100% load; 208 ~ 304VAC at <70% load							
额定频率 Rated Frequency	50/60Hz (自动选择)(Auto adapted)							
频率范围 Frequency Range	40Hz~70Hz							
输入功率因素 Power factor	> 0.99 at 100% load, >0.98 at 50% load							
电流谐波失真 (THDi) Current harmonics	< 3% @ 100% load							
输出 Output								
额定电压 Rated Voltage	3 x 380VAC/400VAC/415VAC (3Ph+N)							
电压稳定性(稳态) Steady Voltage	±1% 典型值 (平衡负载); ±2% 典型值 (不平衡负载) ±1% (Balanced load); ±2% (Unbalanced load)							
电压稳定性(瞬态) Dynamic voltage	±5% (典型值)(Typical)							
额定频率 Rated Frequency	50/60Hz							
频率范围(同步范围) Frequency Range	46Hz ~ 54Hz or 56Hz ~ 64Hz							
过载能力 Overload protection	110% 60分钟, 120% 10分钟, 150% 60秒, >150% 200毫秒							
谐波失真 Current harmonics	±1.5% THD (线性负载)(Linear load); ±4% THD (非线性负载)(Linear load)							
效率 Efficiency	≤94.5%							
电池 / 充电 Battery/Charging								
额定电压 Rated Voltage	+/- 216V (12V x 36 Pcs)							
最大电压 Maximum voltage	+/- 240V (12V x 40 Pcs)							
最低电压 Minimum voltage	+/- 192V (12V x 32 Pcs)							
浮充电压 Float voltage	2.25V/Cell							
大充电电压 Large charge voltage	2.35V/Cell							
温度补偿 Temperature compensation	有 Yes							
最大充电电流 Maximum charge current	8A	8A	8A for 30KW(模块)(Module) & 6A for 20KW(模块)(Module)	6A	8A	8A	8A	8A
物理性能 Physical Function								
净重(KG)	75				222			
毛重(KG)	101				275			
机柜尺寸 (D x W x H)mm	1100 x 514 x 763	1100 x 600 x 1475	1100 x 600 x 2010	1100 x 600 x 1475	1100 x 600 x 1475	1100 x 600 x 2010		
使用环境 Operating environment								
工作温度 Operating temperature	0 ~ 40°C							
相对湿度 Operating humidity	0 ~ 95% (不结露)(No condensation)							
高度 Highly	<1000m (额定功率)(Rate power)							
IP防护等级 IP Protection degree	IP 20							
控制管理 Control Management								
RS-232/USB	支持 Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC							
SNMP(可选择)	电源管理支持SNMP管理与网络管理 SNMP management and Internet management							
安规标准 Safety standards								
安规 Safety	IEC/EN 60950-1; IEC/EN 62040-1							
电磁规范 Electromagnetic specifications	IEC/EN 62040-2 Category C3							