

100-1200KVA



APPLICATIONS/应用范围

- Network Management Center / 网络管理中心
- Taxation, Communication / 税务、通信
- Public Security, Traffic / 公安、交通
- Industrial control / 工业控制
- Computers, banking and securities / 计算机、银行证券
- Postal service, radio and television / 邮政、广电
- Electricity, medical care / 电力、医疗
- National defense / 国防



SPMK 100-1200kVA Modular UPS (100k Module)

SPECIFICATION/技术规格						
Model / 型号		SPMK300-100	SPMK600-100	SPMK800-100	SPMK1000-100	SPMK1200-100
Capacity/ 容量	cabinet / 机柜	100~300KVA	100~600KVA	100~800KVA	100~1000kVA	100~1200KVA
	module / 模块	50KVA				
Maximum number of modules that can be installed in the cabinet/ 机柜可安装最大模块数		3	6	8	10	12
INPUT/ 输入						
Wiring Standard/ 接线制式		Three-phase four-wire system with ground wire / 三相四线制及地线				
Rated input voltage / 额定输入电压		380/400/415Vac				
Input Voltage Range / 输入电压范围		138~485Vac				
Input Frequency Range / 输入频率范围		40Hz-70Hz				
Input Power Factor / 输入功率因数		≥0.99				
Input Current Harmonic / 输入电流谐波		≤3% under 100% linear load, ≤5% under 100% non-linear load / ≤3%(100%线性负载); ≤5%(100%非线性负载)				
Bypass Voltage Range/ 旁路电压范围		220V:+25% (optional +10%、+15%、+20%); 230V:+20% (optional +10%、+15%); 240V:+15%(optional +10%)/ 最大电压:220V:+25%(可选+10%、+15%、+20%);230V:+20%(可选+10%、+15%);240V:+15%(可选+10%)				
		-45% (optional -10%, -20%, -30%) /最小电压:-45%(可选-10%、-20%、-30%)				
		Bypass protection range: ±10%/旁路保护范围:±10%				
Power Input Path/ 电源输入路径		Supported/ 支持				
Bypass Reverse Feed Support / 旁路反灌		Supported/ 支持				
Generator Access Support / 发电机接入		Supported/ 支持				
OUTPUT/ 输出						
Voltage / 电压		380/400/415Vac±1%				
Power Factor / 功率因数		1				
Frequency/ 频率(Hz)	City Power Mode/ 市电模式	Follow-up bypass (inverter power supply)/ 跟踪旁路 (逆变供电)				
	Battery Mode/ 电池模式	(50/60±0.05%)Hz				
Wave Form / 波形		Sine Wave/ 正弦波				
Peak Current Ratio / 电流峰值比		3: 1				
Output Voltage Harmonic / 输出电压谐波		≤1% (100% linear load); ≤3% (100 % non-linear load)/≤1%(100%线性负载):≤3%(100%非线性负载)				
Switching Time (ms) / 切换时间(ms)		Switch from mains mode to bypass mode; 0ms; Switch from mains mode to battery mode: 0ms/ 市电模式转旁路模式;0ms;市电模式转电池模式:0ms				
Efficiency / 效率		≥96%				
Overload Capacity / 过载能力		≤110% load transfers to bypass after continuous 60min; ≤125% load transfers to bypass after continuous 10min; ≤150% load transfers to bypass after continuous 1min / ≤110%负载, 持续60min后转旁路;≤125%负载, 持续10min后转旁路;≤150%负载, 持续1min后转旁路				
Battery/ 电池						
Maximum Charging Current Of The Module / 模块最大充电电流		Default 20A, maximum 30A/默认20A, 最大30A				
Battery Voltage / 电池电压		Optional voltage: 360-630Vdc (i.e., 30 cells to 50 cells are optional, and the battery has no neutral wire)/ 可选电压:360-600Vdc(即30节~50节可选, 电池无中线)				
Protection/ 保护						
Alarm/ 告警		Multiple alarms including overload, mains abnormality, UPS fault and low battery / 过载、市电异常、UPS故障、电池欠压等多种告警功能				
Protection/ 保护		Short circuit, overload, over temperature, low battery and fan fault protection with alarm prompt / 短路、过载、过温、电池欠压, 风扇故障报警				
Communication Functions/ 通讯功能		USB, CAN, RS485, FE, parallel card, dry contact card, optional SNMP card, optional LBS, optional temperature sensor / USB、CAN、RS485、FE、并机卡、干接点卡、SNWP卡(选配)、LBS(选配)、温度传感器(选配)				
Environmental/ 环境						
Operating Temperature/ 工作温度		0°C~40°C				
Storage Temperature(excluding battery)/ 存储温度		-25°C~55°C(excluding battery)/ -25°C~55° (不含电池)				
Humidity Range/ 湿度范围		0~95% (non-condensing) / 0~95%(不凝露)				
Working Altitude/ 工作海拔高度		<1500m (use at a reduced rate if over 1500m)/ < 1500m(超过1500m, 降额使用)				
Noise Level/ 噪音(dB)		<70dB				
Mechanical Characteristics/ 机械特性						
Dimension (mm) / 尺寸(D*W*H)(mm)	Cabinet / 机柜	1000*600*2000	1000*800*2000	1000*1600*2000(单开关)/1000*1800*2000(四开关)		
	Module / 模板	750*440*131				
Weight (kg) / 净重(kg)	Cabinet / 机柜	255	412	700/900	710/910	720/920
	Module / 模块	49				
Applicable Standards / 执行标准		EN62040-1、EN62040-2、EN62040-3、YD/T2165-2017				
1.Product specifications are subject to change without further notice 2.If the equipment is installed at an altitude exceeding 1000 meters, its output power will be derated by 1% for every 100 meters of elevation gain.						

2.If the equipment is installed at an altitude exceeding 1000 meters, its output power will be derated by 1% for every 100 meters of elevation gain.