



应用范围 Application range

应用各种负载:空调、电站、日光灯、气体灯等家用电器, 通信设备、保温空调、冷藏设备、测量仪器、通信设备、白炽灯、冰箱、空调、电脑、打印机、气泵、电焊机、微波炉马达、电动工具、车辆救援、抢险救灾、数码相机、电池充电及GPS卫星导航等。

Apply to variety of load: household appliance, like air condition, electric drill, fluorescent lamp, gas lamp, etc. Communications equipments, refrigerated storage equipment, measurement instrument, filament lamp, refrigerator, laptop, printer, air pump, water pump, electromagnetism oven, microwave oven, juicer, electric drill, motor, electric tool, vehicle rescue, disaster relief, digital video camera, digital camera, battery charger and GPS satellite navigation, etc.

产品特点 Products Feature:

1. 使用先进的CPU单片机智能控制技术, 具有高可靠性、低故障率的特点;
2. 采用进口元器件制造, 先进的电路设计, 使得变频器的转换效率高, 带负载能力, 应用范围广;
3. 完善强大的故障保护报警功能(欠压保护、过压保护、过流保护、过温保护、防反接保护、短路保护) 蓄电池过放报警保护功能, 安全防震功能;
4. 体积小、重量轻, 内部采用CPU集中控制, 贴片技术, 使得体积非常小、重量轻;
5. 散热风机智能控制, 采用CPU控制散热风机的工作状态, 大大延长风机的使用寿命, 并且节约电能、提高工作效率;
6. 工作噪音小、效率高;
7. 本产品体积小、重量轻, 高效率, 无污染, 低噪音, 使用铝合金外壳, 表面喷砂阳极氧化处理, 硬度高, 外形美观;
8. 产品使用优质双面板, 设计简约精良, 工艺一流, 8年的设计寿命; 元器件全新进口原装, 确保品质, 并且提供产品三年质保。

1. Perfect performance controlled by advanced CPU.
2. High quality components and advanced electric line design ensure high efficiency, load capability and wide application range.
3. Protection functions/low/over voltage protection, over temperature protection, over load protection, short circuit protection, reverse polarity protection, battery over discharge alarm protection and shockproof.
4. CPU control and chip technology, make small cubic and light weight.
5. Intelligent fan controlled by CPU, have long life, energy-saving and high efficiency.
6. Low noise and high efficiency
7. Small cubic, light weight, high efficiency, no pollution, low noise aluminium alloy shell with anodic oxidation, high hardness, pretty appearance.
8. High quality dual plates, perfect design, advanced technology.



技术参数 Technical parameters

机器型号 Model	GK-DZ-300W					
输出功率 Output power	300W					
峰值功率 Peak power	600W					
输入电压 Input voltage	DC24V	DC48V	DC12V	DC24V	DC48V	
输出电压 Output voltage	100VAC or 110VAC or 120VAC $\pm 5\%$					
空载电流(小于) No-load current (less than)	0.5A	0.3A	0.1A	0.5A	0.3A	0.1A
输出频率 Output frequency	50HZ ± 0.5 HZ or 60HZ ± 0.5 HZ					
输出波形 Output wave	纯正弦波 Pure sine wave					
波形失真率 Waveform Distortion	THD < 3% (线性负载 linear load)					
USB	5V 1000MA					
最大工作效率 Max. working efficiency	94.80%					
输入电压范围 Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V	19.8-30.27V	40.2-60.4V
工作温度 Operating temperature range	-10° - +50°					
储存温度 Storage temperature	-30° - +70°					
湿度 Humidity	最大 90%, 不结露 Max. 90%, non-condensing					
质保 Warranty	二年 Two years					
尺寸(W*H*D) Dimensions	205*110*58mm					
包装尺寸 Package size	212*140*95mm					
净重/毛重 Net weight/Gross weight	0.9/1.0kg					
启动 Starting	双极软启动 Bipolar soft start					
欠压报警 Low voltage alarm	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V
欠压保护 Low voltage shut down	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V
欠压恢复 Low voltage recovery	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V
高压报警保护 Over voltage alarm	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V
高压恢复 Over voltage recovery	14.8 ± 0.5 V	29.5V ± 0.5 V	59V ± 1 V	14.8 ± 0.5 V	29.5 ± 0.5 V	59V ± 1 V
LED指示灯 LED indicators	蓝色指示灯亮(逆变器输出, 正常工作); 红色指示灯闪烁(欠压, 过压, 过载, 高温, 短路) Blue indicator light (inverter output, no load, normal work); The red indicator light flashes (under voltage, over voltage, overload, high temperature, short circuit)					
保护功能 Protection	电池过欠压, 过流, 过温, 交流短路保护(正接保护), 过压, 过流, 过温, 交流短路保护(正接保护), 过压, 过流, 过温, 交流短路保护(正接保护), 过压, 过流, 过温, 交流短路保护(正接保护), 过压, 过流, 过温, 交流短路保护(正接保护)					
保险丝 Fuse	直流短路保护 DC short circuit protection					
显示 Display	LED高清数码 高频链接 LED high-definition digital display High frequency link					
电路拓扑 Circuit Topology	智能风冷, 内置散热块 Intelligent cooling, built-in cooling block					
冷却方式 Cooling way						



技术参数 Technical parameters

机器型号 Model	GK-DZ-500W				
输出功率 Output power	500W				
峰值功率 Peak power	1000W				
输入电压 Input voltage	DC12V	DC24V	DC48V	DC12V	DC48V
输出电压 Output voltage	100VAC or 110VAC or 120VAC \pm 5%				
空载电流(小于 No-load current(Less than))	0.6A	0.3A	0.15A	0.6A	0.15A
输出频率 Output frequency	50HZ \pm 0.5HZ or 60HZ \pm 0.5HZ				
输出波形 Output wave	纯正弦波 Pure sine wave				
波形失真 Waveform Distortion	THD < 3%(线性负载 linear load)				
USB	5V 1000MA				
最大工作效率 Max. working efficiency	94.80%				
输入电压范围 Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V	19.8-30.27V
工作温度 Operating temperature range	-10 $^{\circ}$ - +50 $^{\circ}$				
储存温度 Storage temperature	-30 $^{\circ}$ - +70 $^{\circ}$				
湿度 Humidity	最大 90%, 不结露 Max. 90%, non-condensing				
质保 Warranty	二年 Two years				
产品尺寸 Dimensions(W*H*D)	260*150*75mm				
包装尺寸 Package size	290*190*120mm				
净重/毛重 Net weight/Gross weight	1.8/1.96kg				
启动 Starting	双极软启动 Bipolar soft start				
低压报警 Low voltage alarm	10.5 \pm 0.5V	21V \pm 0.5V	42V \pm 1V	10.5 \pm 0.5V	21V \pm 0.5V
欠压保护 Low voltage shut down	9.5 \pm 0.5V	20V \pm 0.5V	40V \pm 1V	9.5 \pm 0.5V	20V \pm 0.5V
欠压恢复 Low voltage recovery	13 \pm 0.5V	24V \pm 0.5V	48V \pm 1V	13 \pm 0.5V	24V \pm 0.5V
高压保护 Over voltage shut down	15.5 \pm 0.5V	31V \pm 0.5V	61V \pm 1V	15.5 \pm 0.5V	31V \pm 0.5V
高压恢复 Over voltage recovery	14.8 \pm 0.5V	29.5V \pm 0.5V	59V \pm 1V	14.8 \pm 0.5V	29.5 \pm 0.5V
LED指示灯 LED Lights	蓝色指示灯亮(逆变输出, 正常工作); 红色指示闪烁(欠压, 过压, 过载, 高温, 短路) Blue indicator light (inverter output, normal operation); The red indicator flashes (under / over voltage, overload, temperature, short circuit)				
保护功能 Protection	电池过欠压, 过载, 高温, 交流短路保护(正反转保护) Battery over under / over voltage, overload, temperature, AC short circuit protection (positive and negative polarity protection)				
保险丝 Fuse	直流短路保护 DC short circuit protection				
显示 Display	LED高清数显 LED high-definition digital display				
电路拓扑 Circuit topology	高频链 Frequency link				
冷却方式 Cooling way	智能风冷, 内置散热块 Intelligent cooling, built-in cooling block				



技术参数 Technical parameters

机器型号 Model	GK-DZ-800W				
输出功率 Output power	800W				
峰值功率 Peak power	1600W				
输入电压 Input voltage	DC12V	DC24V	DC48V	DC12V	DC24V
输出电压 Output voltage	100VAC or 110VAC or 120VAC \pm 5%				
空载电流(小于 No-load current(Less than))	0.8A	0.4A	0.2A	0.8A	0.4A
输出频率 Output frequency	50HZ \pm 0.5HZ or 60HZ \pm 0.5HZ				
输出波形 Output wave	纯正弦波 Pure sine wave				
波形失真 Waveform Distortion	THD < 3%(线性负载 linear load)				
USB	5V 1000MA				
最大工作效率 Max. working efficiency	94.80%				
输入电压范围 Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V	19.8-30.27V
工作温度 Operating temperature range	-10 $^{\circ}$ - +50 $^{\circ}$				
储存温度 Storage temperature	-30 $^{\circ}$ - +70 $^{\circ}$				
湿度 Humidity	最大 90%, 不结露 Max. 90%, non-condensing				
质保 Warranty	二年 Two years				
产品尺寸 Dimensions(W*H*D)	320*158*78mm				
包装尺寸 Package size	365*200*130mm				
净重/毛重 Net weight/Gross weight	3.1/3.7kg				
启动 Starting	双极软启动 Bipolar soft start				
低压报警 Low voltage alarm	10.5 \pm 0.5V	21V \pm 0.5V	42V \pm 1V	10.5 \pm 0.5V	21V \pm 0.5V
欠压保护 Low voltage shut down	9.5 \pm 0.5V	20V \pm 0.5V	40V \pm 1V	9.5 \pm 0.5V	20V \pm 0.5V
欠压恢复 Low voltage recovery	13 \pm 0.5V	24V \pm 0.5V	48V \pm 1V	13 \pm 0.5V	24V \pm 0.5V
高压保护 Over voltage shut down	15.5 \pm 0.5V	31V \pm 0.5V	61V \pm 1V	15.5 \pm 0.5V	31V \pm 0.5V
高压恢复 Over voltage recovery	14.8 \pm 0.5V	29.5V \pm 0.5V	59V \pm 1V	14.8 \pm 0.5V	29.5 \pm 0.5V
LED指示灯 LED Lights	蓝色指示灯亮(逆变输出, 正常工作); 红色指示闪烁(欠压, 过压, 过载, 高温, 短路) Blue indicator light (inverter output, normal operation); The red indicator flashes (under / over voltage, overload, temperature, short circuit)				
保护功能 Protection	电池过欠压, 过载, 高温, 交流短路保护(正反转保护) Battery over under / over voltage, overload, temperature, AC short circuit protection (positive and negative polarity protection)				
保险丝 Fuse	直流短路保护 DC short circuit protection				
显示 Display	LED高清数显 LED high-definition digital display				
电路拓扑 Circuit topology	高频链 Frequency link				
冷却方式 Cooling way	智能风冷, 内置散热块 Intelligent cooling, built-in cooling block				



技术参数 Technical parameters

机器型号 Model	GK-DZ-1000W						
输出功率 Output power	1000W						
峰值功率 Peak power	2000W						
输入电压 Input voltage	DC12V	DC24V	DC48V	DC12V	DC24V	DC48V	
输出电压 Output voltage	100VAC or 110VAC or 120VAC $\pm 5\%$						
负载电流(小于 No-load current(Less than))	0.8A	0.4A	0.2A	0.8A	0.4A	0.2A	
输出频率 Output frequency	50HZ ± 0.5 HZ or 60HZ ± 0.5 HZ						
输出波形 Output wave	纯正弦波 Pure sine wave						
波形失真 Waveform Distortion	THD < 3%(线性负载 linear load)						
USB	5V 1000MA						
最大工作效率 Max. working efficiency	94.80%						
输入电压范围 Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V	19.8-30.27V	40.2-60.4V	
工作温度 Operating temperature range	-10 $^{\circ}$ - +50 $^{\circ}$						
储存温度 Storage temperature	-30 $^{\circ}$ - +70 $^{\circ}$						
湿度 Humidity	最大 90%, 不结露 Max. 90%, non-condensing						
质保 Warranty	二年 Two years						
产品尺寸 Dimensions(W*H*D)	320*158*78mm						
包装尺寸 Package size	365*200*130mm						
净重/毛重 Net weight/Gross weight	3.1/3.7kg						
启动 Starting	双极软启动 Bipolar soft start						
低压报警 Low voltage alarm	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	
欠压保护 Low voltage shut down	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	
欠压恢复 Low voltage recovery	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	
高压保护 Over voltage shut down	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	
高压恢复 Over voltage recovery	14.8 ± 0.5 V	29.5V ± 0.5 V	59V ± 1 V	14.8 ± 0.5 V	29.5 ± 0.5 V	59V ± 1 V	
LED指示灯 LED Lights	蓝色指示灯亮(逆变输出, 正常工作); 红色指示闪烁(欠压, 过压, 过载, 高温, 短路) Blue indicator light (inverter output, normal operation); The red indicator flashes (under / over voltage, overload, temperature, short circuit)						
保护功能 Protection	电池过欠压, 过载, 高温, 交流短路保护(正负极保护) Battery over under / over voltage, overload, temperature, AC short circuit protection (positive and negative polarity protection)						
保险丝 Fuse	直流短路保护 DC short circuit protection						
显示 Display	LED高清数显 LED high-definition digital display						
电路拓扑 Circuit topology	高频链 Frequency link						
冷却方式 Cooling way	智能风冷, 内置散热块 Intelligent cooling, built-in cooling block						



技术参数 Technical parameters

机器型号 Model	GK-DZ-1500W						
输出功率 Output power	1500W						
峰值功率 Peak power	3000W						
输入电压 Input voltage	DC12V	DC24V	DC48V	DC12V	DC24V	DC48V	
输出电压 Output voltage	100VAC or 110VAC or 120VAC $\pm 5\%$						
负载电流(小于 No-load current(Less than))	1.2A	0.6A	0.3A	1.2A	0.6A	0.3A	
输出频率 Output frequency	50HZ ± 0.5 HZ or 60HZ ± 0.5 HZ						
输出波形 Output wave	纯正弦波 Pure sine wave						
波形失真 Waveform Distortion	THD < 3%(线性负载 linear load)						
USB	5V 1000MA						
最大工作效率 Max. working efficiency	94.80%						
输入电压范围 Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V	19.8-30.27V	40.2-60.4V	
工作温度 Operating temperature range	-10 $^{\circ}$ - +50 $^{\circ}$						
储存温度 Storage temperature	-30 $^{\circ}$ - +70 $^{\circ}$						
湿度 Humidity	最大 90%, 不结露 Max. 90%, non-condensing						
质保 Warranty	二年 Two years						
产品尺寸 Dimensions(W*H*D)	385*165*82mm						
包装尺寸 Package size	410*200*130mm						
净重/毛重 Net weight/Gross weight	4.1/4.8kg						
启动 Starting	双极软启动 Bipolar soft start						
低压报警 Low voltage alarm	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	
欠压保护 Low voltage shut down	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	
欠压恢复 Low voltage recovery	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	
高压保护 Over voltage shut down	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	
高压恢复 Over voltage recovery	14.8 ± 0.5 V	29.5V ± 0.5 V	59V ± 1 V	14.8 ± 0.5 V	29.5 ± 0.5 V	59V ± 1 V	
LED指示灯 LED Lights	蓝色指示灯亮(逆变输出, 正常工作); 红色指示闪烁(欠压, 过压, 过载, 高温, 短路) Blue indicator light (inverter output, normal operation); The red indicator flashes (under / over voltage, overload, temperature, short circuit)						
保护功能 Protection	电池过欠压, 过载, 高温, 交流短路保护(正负极保护) Battery over under / over voltage, overload, temperature, AC short circuit protection (positive and negative polarity protection)						
保险丝 Fuse	直流短路保护 DC short circuit protection						
显示 Display	LED高清数显 LED high-definition digital display						
电路拓扑 Circuit topology	高频链 Frequency link						
冷却方式 Cooling way	智能风冷, 内置散热块 Intelligent cooling, built-in cooling block						



技术参数 Technical parameters

机器型号 Model	GK-DZ-2000W			
输出功率 Output power	2000W			
峰值功率 Peak power	4000W			
输入电压 Input voltage	DC12V	DC24V	DC48V	DC48V
输出电压 Output voltage	100VAC or 110VAC or 120VAC $\pm 5\%$			
空载电流(小于 No-load current(Less-than))	1.6A	0.8A	0.4A	0.4A
输出频率 Output frequency	50HZ ± 0.5 HZ or 60HZ ± 0.5 HZ			
输出波形 Output wave	纯正弦波 Pure sine wave			
波形失真 Waveform Distortion	THD < 3%(线性负载 linear load)			
USB	5V 1000MA			
最大工作效率 Max. working efficiency	94.80%			
输入电压范围 Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V 19.8-30.27V 40.2-60.4V
工作温度 Operating temperature range	-10 $^{\circ}$ - +50 $^{\circ}$			
储存温度 Storage temperature	-30 $^{\circ}$ - +70 $^{\circ}$			
湿度 Humidity	最大 90%, 不结露 Max. 90%, non-condensing			
质保 Warranty	二年 Two years			
产品尺寸 Dimensions(W*H*D)	415*165*82mm			
包装尺寸 Package size	455*200*130mm			
净重/毛重 Net weight/Gross weight	4.7/5.2kg			
启动 Starting	双极软启动 Bipolar soft start			
低压报警 Low voltage alarm	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	42V ± 1 V
欠压保护 Low voltage shut down	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	40V ± 1 V
欠压恢复 Low voltage recovery	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	48V ± 1 V
高压保护 Over voltage shut down	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	61V ± 1 V
高压恢复 Over voltage recovery	14.8 ± 0.5 V	29.5V ± 0.5 V	59V ± 1 V	59V ± 1 V
LED指示灯 LED Lights	蓝色指示灯亮(逆变输出, 正常工作); 红色指示闪烁(欠压, 过压, 过载, 高温, 短路) Blue indicator light (inverter output, normal operation); the red indicator flashes (under / over voltage, overload, temperature, short circuit)			
保护功能 Protection	电池过欠压, 过载, 高温, 交流短路保护(正反转保护) Battery over under / over voltage, overload, temperature, AC short circuit protection (positive and negative polarity protection)			
保险丝 Fuse	直流短路保护 DC short circuit protection			
显示 Display	LED高清数显 LED high-definition digital display			
电路拓扑 Circuit topology	高频链 Frequency link			
冷却方式 Cooling way	智能风冷, 内置散热块 Intelligent cooling, built-in cooling block			



技术参数 Technical parameters

机器型号 Model	GK-DZ-2500W			
输出功率 Output power	2500W			
峰值功率 Peak power	5000W			
输入电压 Input voltage	DC12V	DC24V	DC48V	DC12V DC24V DC48V
输出电压 Output voltage	100VAC or 110VAC or 120VAC $\pm 5\%$			
空载电流(小于 No-load current(Less-than))	1.6A	0.8A	0.4A	1.6A 0.8A 0.4A
输出频率 Output frequency	50HZ ± 0.5 HZ or 60HZ ± 0.5 HZ			
输出波形 Output wave	纯正弦波 Pure sine wave			
波形失真 Waveform Distortion	THD < 3%(线性负载 linear load)			
USB	5V 1000MA			
最大工作效率 Max. working efficiency	94.80%			
输入电压范围 Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V 19.8-30.27V 40.2-60.4V
工作温度 Operating temperature range	-10 $^{\circ}$ - +50 $^{\circ}$			
储存温度 Storage temperature	-30 $^{\circ}$ - +70 $^{\circ}$			
湿度 Humidity	最大 90%, 不结露 Max. 90%, non-condensing			
质保 Warranty	二年 Two years			
产品尺寸 Dimensions(W*H*D)	415*165*82mm			
包装尺寸 Package size	455*200*130mm			
净重/毛重 Net weight/Gross weight	5.6/6.1kg			
启动 Starting	双极软启动 Bipolar soft start			
低压报警 Low voltage alarm	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	10.5 ± 0.5 V 21V ± 0.5 V 42V ± 1 V
欠压保护 Low voltage shut down	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	9.5 ± 0.5 V 20V ± 0.5 V 40V ± 1 V
欠压恢复 Low voltage recovery	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	13 ± 0.5 V 24V ± 0.5 V 48V ± 1 V
高压保护 Over voltage shut down	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	15.5 ± 0.5 V 31V ± 0.5 V 61V ± 1 V
高压恢复 Over voltage recovery	14.8 ± 0.5 V	29.5V ± 0.5 V	59V ± 1 V	14.8 ± 0.5 V 29.5 ± 0.5 V 59V ± 1 V
LED指示灯 LED Lights	蓝色指示灯亮(逆变输出, 正常工作); 红色指示闪烁(欠压, 过压, 过载, 高温, 短路) Blue indicator light (inverter output, normal operation); the red indicator flashes (under / over voltage, overload, temperature, short circuit)			
保护功能 Protection	电池过欠压, 过载, 高温, 交流短路保护(正反转保护) Battery over under / over voltage, overload, temperature, AC short circuit protection (positive and negative polarity protection)			
保险丝 Fuse	直流短路保护 DC short circuit protection			
显示 Display	LED高清数显 LED high-definition digital display			
电路拓扑 Circuit topology	高频链 Frequency link			
冷却方式 Cooling way	智能风冷, 内置散热块 Intelligent cooling, built-in cooling block			