



纯正弦波逆变器  
Pure Sine Wave Inverter



- 输出纯正弦逆变器，适用于各种感性负载
  - 输入输出完全隔离，保证系统安全可靠
  - 具备承受大启动电流的能力
  - 软启动功能，使设备平滑启动
  - 智能制冷风扇，过热自动启动
- Pure sine wave inverter for inductive loads
  - Input & output fully isolated
  - High starting surge current withstand capability
  - Smooth soft start-up of the appliance
  - Cooling fan works automatically when inverter become too hot



## Smart Series Pure Sine Wave Inverter 300W 高频纯正弦波逆变器 300W



### 技术参数 Products Specification:

型号 / Model	MWZ300W-121	MWZ300W-122	MWZ300W-241	MWZ300W-242	MWZ300W-481	MWZ300W-482
额定功率 / Rated Power	300W					
峰值功率 / Surge Power	600W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	0.6A	0.3A	0.3A		0.1A	
直流输入范围 / DC Voltage Range	10-15.5V	20-31V	20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V	21 ± 0.5V	21 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V	20 ± 0.5V	20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V	24 ± 0.5V	24 ± 0.5V		48 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V	31 ± 0.5V	31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V	29V ± 0.5V	29V ± 0.5V		58V ± 1V	
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过载保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	19.5"11.2"6cm (L × W × H)					
彩盒尺寸 / Inner Box Dimension	25.0"19"9.6cm (L × W × H)					
外包装尺寸 / Meas.Cms	31 × 49 × 30.3cm / 11lbs					
净重 / N.W./Lbs	1.0kg (含内置 1.2kg / With Inner Box)					
毛重 / G.W./Ctn	23KGS					
包装方式 / Packing	彩盒包装 / Colour box					
质保 / Warranty	2年 / 2 Years					



直流过压保护  
DC OVER VOLTAGE PROTECTION



过温保护  
OVER TEMPERATURE PROTECTION



过压保护  
OVER VOLTAGE PROTECTION



过欠压保护  
OVER/UNDER VOLTAGE PROTECTION



短路保护  
SHORT CIRCUIT PROTECTION

## Smart Series Pure Sine Wave Inverter 500W 高频纯正弦波逆变器 500W



### 技术参数 Products Specification:

型号 / Model	MWZ500W-121	MWZ500W-122	MWZ500W-241	MWZ500W-242	MWZ500W-481	MWZ500W-482
额定功率 / Rated Power	500W					
峰值功率 / Surge Power	1000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	0.6A	0.3A	0.3A		0.1A	
直流输入范围 / DC Voltage Range	10-15.5V	20-31V	20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V	21 ± 0.5V	21 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V	20 ± 0.5V	20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V	24 ± 0.5V	24 ± 0.5V		48 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V	31 ± 0.5V	31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V	29V ± 0.5V	29V ± 0.5V		58V ± 1V	
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过载保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	23.2"19"7.8cm (L × W × H)					
彩盒尺寸 / Inner Box Dimension	28.0"20.3"13cm (L × W × H)					
外包装尺寸 / Meas.Cm	62"34"38.3cm / 15lbs					
净重 / N.W./Lbs	2.0kg (2.3kg With Inner Box)					
毛重 / G.W./Ctn	24KGS					
包装方式 / Packing	彩盒包装 / Colour box					
质保 / Warranty	2 Years					



直流过压保护  
DC OVER VOLTAGE PROTECTION



过温保护  
OVER TEMPERATURE PROTECTION



过压保护  
OVER VOLTAGE PROTECTION



过欠压保护  
OVER/UNDER VOLTAGE PROTECTION



短路保护  
SHORT CIRCUIT PROTECTION

## Smart Series Pure Sine Wave Inverter 1000W

高频纯正弦波逆变器 1000W



### 技术参数 Products Specification:

型号 / Model	MWZ1000W-121	MWZ1000W-122	MWZ1000W-241	MWZ1000W-242	MWZ1000W-481	MWZ1000W-482
额定功率 / Rated Power	1000W					
峰值功率 / Surge Power	2000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	1.4A		0.8A		0.3A	
直流输入范围 / DC Voltage Range	10-15.5V		20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V		21 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V		20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V		24 ± 0.5V		48 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V		31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.5V ± 0.5V		29V ± 0.5V		59V ± 1V	
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过温保护, 过流保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	32.8*18.5*8.7cm (L*W*H)					
包装尺寸 / Inner Box Dimension	35.1*20.5*12.2cm (L*W*H)					
外包装尺寸 / Meas./Ctn	67.5*37.2*29.7cm (Gross)					
净重 / N.W./Unit	3.1kg (3.5kg With Inner Box)					
毛重 / G.W./Ctn	22KGS					
包装方式 / Packing	Colour box					
质保 / Warranty	2 Years					



电压过压保护  
OVER VOLTAGE PROTECTION



过温保护  
OVER TEMPERATURE PROTECTION



过流保护  
OVER CURRENT PROTECTION



短路保护  
SHORT CIRCUIT PROTECTION



智能风扇  
INTELLIGENT COOLING FAN

## Smart Series Pure Sine Wave Inverter 1500W

高频纯正弦波逆变器 1500W



### 技术参数 Products Specification:

型号 / Model	MWZ1500W-121	MWZ1500W-122	MWZ1500W-241	MWZ1500W-242	MWZ1500W-481	MWZ1500W-482
额定功率 / Rated Power	1500W					
峰值功率 / Surge Power	3000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	1.2A		0.6A		0.3A	
直流输入范围 / DC Voltage Range	10-15.5V		20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V		21 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V		20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V		24 ± 0.5V		48 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V		31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.5V ± 0.5V		29V ± 0.5V		59V ± 1V	
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过温保护, 过流保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	36.2*16.5*8.7cm (L*W*H)					
包装尺寸 / Inner Box Dimension	43.8*19.5*12.2cm (L*W*H)					
外包装尺寸 / Meas./Ctn	52*47.5*30cm (Gross)					
净重 / N.W./Unit	4.3kg (4.8kg With Inner Box)					
毛重 / G.W./Ctn	20KGS					
包装方式 / Packing	Colour box					
质保 / Warranty	2 Years					



电压过压保护  
OVER VOLTAGE PROTECTION



过温保护  
OVER TEMPERATURE PROTECTION



过流保护  
OVER CURRENT PROTECTION



短路保护  
SHORT CIRCUIT PROTECTION



智能风扇  
INTELLIGENT COOLING FAN

## Smart Series Pure Sine Wave Inverter 2000W

高频纯正弦波逆变器 2000W



### 技术参数 Products Specification:

型号 / Model	MWZ2000W-121	MWZ2000W-122	MWZ2000W-241	MWZ2000W-242	MWZ2000W-481	MWZ2000W-482
额定功率 / Rated Power	2000W					
峰值功率 / Surge Power	4000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	1.4A	0.8A	0.3A			
直流输入范围 / DC Voltage Range	10~15.5V	20~31V	40~61V			
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V	21 ± 0.5V	42 ± 1V			
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V	20 ± 0.5V	40 ± 1V			
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V	24 ± 0.5V	48 ± 1V			
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V	31 ± 0.5V	61 ± 1V			
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V	29V ± 0.5V	59V ± 1V			
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过载保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	43*16.5*8.7cm (L * W * H)					
彩盒尺寸 / Inner Box Dimension	45.0*20.0*12.2cm (L * W * H)					
净重 / Net Wt	5.2kg (11.5lb) / 4pcs					
毛重 / G.W./G.W	5.2kg (11.5lb) With Inner Box					
毛重箱 / G.W./G.W	24.5KGS					
包装方式 / Packing	Colour box					
质保 / Warranty	2 Years					



## Smart Series Pure Sine Wave Inverter 2000W ( With charging )

高频纯正弦波逆变器 2000W ( 带充电 )



### 技术参数 Products Specification:

型号 / Model	MWZ2000W-121	MWZ2000W-122	MWZ2000W-241	MWZ2000W-242	MWZ2000W-481	MWZ2000W-482
额定功率 / Rated Power	2000W					
峰值功率 / Surge Power	4000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	1.4A	0.8A	0.3A			
直流输入范围 / DC Voltage Range	10~15.5V	20~31V	40~61V			
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V	21 ± 0.5V	42 ± 1V			
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V	20 ± 0.5V	40 ± 1V			
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V	24 ± 0.5V	48 ± 1V			
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V	31 ± 0.5V	61 ± 1V			
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V	29V ± 0.5V	59V ± 1V			
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过载保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	43*16.5*8.7cm (L * W * H)					
彩盒尺寸 / Inner Box Dimension	45.0*20.0*12.2cm (L * W * H)					
净重 / Net Wt	5.2kg (11.5lb) / 4pcs					
毛重 / G.W./G.W	5.2kg (11.5lb) With Inner Box					
毛重箱 / G.W./G.W	24.5KGS					
包装方式 / Packing	Colour box					
质保 / Warranty	2 Years					



## Smart Series Pure Sine Wave Inverter 2000W ( liquid crystal ) 高频纯正弦波逆变器 2000W ( 液晶 )



### 技术参数 Products Specification:

型号 / Model	MWZ2000W-121	MWZ2000W-122	MWZ2000W-241	MWZ2000W-242	MWZ2000W-481	MWZ2000W-482
额定功率 / Rated Power	2000W					
峰值功率 / Surge Power	4000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	1.4A		0.8A		0.3A	
直流输入范围 / DC Voltage Range	10-15.5V		20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	12.5 ± 0.5V		24 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V		20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V		24 ± 0.5V		40 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V		31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V		29V ± 0.5V		59V ± 1V	
制冷方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过载保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	43*16.5*8.7cm (L x W x H)					
彩盒尺寸 / Inner Box Dimension	45.6*20.6*12.2cm (L x W x H)					
净重 / Net Weight	5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb)					
毛重 / G.W./G.W.	24.5KGS					
包装方式 / Packing	Colour box					
质保 / Warranty	2 Years					



智能风扇  
INTELLIGENT COOLING FAN



过载保护  
OVERLOAD PROTECTION



过压保护  
OVER VOLTAGE PROTECTION



过温保护  
OVERTEMPERATURE PROTECTION



短路保护  
SHORT CIRCUIT PROTECTION

## Smart Series Pure Sine Wave Inverter 2500W ( liquid crystal ) 高频纯正弦波逆变器 2500W ( 液晶 )



### 技术参数 Products Specification:

型号 / Model	MWZ2500W-121	MWZ2500W-122	MWZ2500W-241	MWZ2500W-242	MWZ2500W-481	MWZ2500W-482
额定功率 / Rated Power	2500W					
峰值功率 / Surge Power	5000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	1.6A		0.8A		0.4A	
直流输入范围 / DC Voltage Range	10-15.5V		20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	12.5 ± 0.5V		24 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V		20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V		24 ± 0.5V		40 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V		31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V		29V ± 0.5V		59V ± 1V	
制冷方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过载保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	43*16.5*8.7cm (L x W x H)					
彩盒尺寸 / Inner Box Dimension	45.6*20.6*12.2cm (L x W x H)					
净重 / Net Weight	5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb) / 5.2kg (11.5lb)					
毛重 / G.W./G.W.	24KGS					
包装方式 / Packing	Colour box					
质保 / Warranty	2 Years					



智能风扇  
INTELLIGENT COOLING FAN



过载保护  
OVERLOAD PROTECTION



过压保护  
OVER VOLTAGE PROTECTION



过温保护  
OVERTEMPERATURE PROTECTION



短路保护  
SHORT CIRCUIT PROTECTION

## Smart Series Pure Sine Wave Inverter 3000W ( Blue screen )

高频纯正弦波逆变器 3000W ( 蓝屏显示 )



### 技术参数 Products Specification:

型号 / Model	MWZ3000W-121	MWZ3000W-122	MWZ3000W-241	MWZ3000W-242	MWZ3000W-481	MWZ3000W-482
额定功率 / Rated Power	3000W					
峰值功率 / Surge Power	6000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	2A		0.9A		0.5A	
直流输入范围 / DC Voltage Range	10-15.5V		20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V		21 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V		20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V		24 ± 0.5V		48 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V		31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V		29V ± 0.5V		59V ± 1V	
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	41*21.8*15.6cm (L * W * H)					
外包装尺寸 / Meas./Ctn	52.5*31.5*25cm / 1pcs					
净重 / N.W./Unit	9kg					
毛重 / G.W./Ctn	11KGSS					
包装方式 / Packing	Honeycomb carton					
质保 / Warranty	2 Years					



## Smart Series Pure Sine Wave Inverter 4000W

高频纯正弦波逆变器 4000W



### 技术参数 Products Specification:

型号 / Model	MWZ4000W-121	MWZ4000W-122	MWZ4000W-241	MWZ4000W-242	MWZ4000W-481	MWZ4000W-482
额定功率 / Rated Power	4000W					
峰值功率 / Surge Power	8000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	2.6A		1.3A		0.6A	
直流输入范围 / DC Voltage Range	10-15.5V		20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V		21 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V		20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V		24 ± 0.5V		48 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V		31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.8V ± 0.5V		29V ± 0.5V		59V ± 1V	
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护功能 / Protection	欠压保护, 过压保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	46.5*21.8*15.6cm (L * W * H)					
外包装尺寸 / Meas./Ctn	57.5*31.5*25cm / 1pcs					
净重 / N.W./Unit	10kg					
毛重 / G.W./Ctn	12KGSS					
包装方式 / Packing	Honeycomb carton					
质保 / Warranty	2 Years					



## Smart Series Pure Sine Wave Inverter 5000W 高频纯正弦波逆变器 5000W



### 技术参数 Products Specification:

型号 / Model	MWZ5000W-121	MWZ5000W-132	MWZ5000W-241	MWZ5000W-242	MWZ5000W-481	MWZ5000W-482
额定功率 / Rated Power	5000W					
峰值功率 / Surge Power	10000W					
输入电压 / Input Voltage	12VDC		24VDC		48VDC	
输出电压 / Output Voltage	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%	110VAC ± 5%	220VAC ± 5%
USB接口 / USB Port	5V 1A					
频率 / Frequency	50Hz ± 3 or 60Hz ± 3					
输出波形 / Output Waveform	纯正弦波 / Pure Sine Wave					
软启动 / Soft Start	有 / YES					
总谐波失真 THD / AC Regulation	THD < 3% (Linear Load)					
效率 / Output Efficiency	94% MAX					
空载电流 / No Load Current	3.2A		1.6A		0.8A	
直流输入范围 / DC Voltage Range	10-15.5V		20-31V		40-61V	
输入欠压报警 / Low Voltage Alarm	10.5 ± 0.5V		21 ± 0.5V		42 ± 1V	
输入欠压保护 / Low Voltage Shut Down	10 ± 0.5V		20 ± 0.5V		40 ± 1V	
输入欠压恢复 / Low Voltage Recovery	13 ± 0.5V		24 ± 0.5V		48 ± 1V	
输入过压保护 / Over Voltage Shut Down	15.5 ± 0.5V		31 ± 0.5V		61 ± 1V	
输入过压恢复 / Over Voltage Recovery	14.2V ± 0.5V		29V ± 0.5V		59V ± 1V	
散热方式 / Cooling Way	智能风扇 / Intelligent Cooling Fan					
保护装置 / Protection	欠压保护, 过压保护, 过流保护, 过温保护, 短路保护 / Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit					
工作温度 / Working Temperature	-10°C ~ +50°C					
产品尺寸 / Net Dimension	46.5"21.8"15.6cm (L × W × H)					
净重 / Net Wt	57.5"31.5"25cm / 1pcs					
毛重 / G.Wt	10.3kg					
包装方式 / Packing	Honeycomb carton					
质保 / Warranty	2 Years					



## Low Frequency Power Inverter 单相工频逆变器



### 技术参数 Products Specification:

型号 Model	MWZ-35112	MWZ-50112	MWZ-70124	MWZ-10224	MWZ-15224	MWZ-20248	MWZ-30248
额定功率 / Rated Power	350W	500W	700W	1000W	1500W	2000W	3000W
输入电压 / Input Voltage(V)	12V/24VDC		24VDC		24V/36/48VDC		
输入频率 / Frequency	145V ~ 275VAC						
输出电压 / Output Voltage(V)	220VAC ± 2% (电池模式/Battery Mode)						
输出频率 / Frequency	50Hz ± 0.5Hz						
输出波形 / Output Wave	正弦波/Pure Sine Wave						
输出总失真 / Total THD	≤ 3%						
充电电流 / Charging Current	5A-15A (可调/Adjustable)						
显示 / Display	LCD						
转换时间 / Transfer Time	< 4ms						
环境 / Environment	噪音 / Noise	< 50dB					
	温度 / Temperature	0°C ~ 40°C					
	湿度 / Humidity	10% ~ 90% (无凝露/No Mist)					
保护 / Protect	过载 / Overload	过载 110%, 30秒机器自动关机; 过载 120%, 2秒自动关机, 市电模式过载下关机, 蜂鸣器发出报警声 If overload 110%, the inverter will shut down in 30s, if overload 120%, the inverter will shut down in 2s, the inverter only alarm but doesn't shut down in grid mode.					
	短路 / Short Circuit	输出短路过, 蜂鸣器长鸣, 20秒后机器自动关机. When short circuit happens, the inverter will alarm and shut down after 20s.					
	电池反接 / Battery Reverse	电池高压反接保护 / Over voltage and low voltage protect 电池反接保护 / 可选项(Battery reverse protection optional)					
尺寸 / Size(L*W*H)(cm)	345 × 120 × 165	420 × 145 × 215	460 × 180 × 320	465 × 200 × 335			
包装尺寸 / Packing Size(L*W*H)(cm)	386 × 170 × 210	460 × 190 × 260	460 × 240 × 380	480 × 260 × 410			
净重 / Net Wt(kg)	7	8	11	13	17	20	28
毛重 / G.Wt(kg)	8	9	12	14	18	21	29



## Low Frequency Power Inverter 单相工频逆变器



技术参数 Products Specification:

型号Model	MWZ-40248	MWZ-50296	MWZ-60296	MWZ-702192	MWZ-802192	MWZ-103192	MWZ-153192	MWZ-203384
额定容量Rated Power	4000W	5000W	6000W	70KW	8KW	10KW	15KW	20KW
电池Battery	48V6VDC		96V192VDC		168V-278VAC		192/384VDC	
输入电压Input Voltage(V)	145V-278VAC							
输入频率Frequency			45Hz-65Hz					
输出电压Output Voltage(V)			220VAC ± 2% (电池模式 Battery Mode)					
输出频率Frequency			50Hz ± 0.5Hz					
输出波形Output Wave			正弦波 Pure Sine Wave					
输出总谐波失真THD			≤3%					
充电电流Charging Current	5A-15A (可调Adjustable)				3A-5A (可调Adjustable)			
显示Display			LCD					
转移时间Transfer Time			≤4ms					
噪音Noise			≤55dB					
环境 Environment			温度Temperature 0℃-40℃					
			湿度Humidity 10%-90% (无凝露No Moist)					
效率Efficiency			≥80%					
保护 Protect	过载 Overload	过载110%，30秒机器自动关机。过载120%，2秒自动关机。市电模式过载不关机，蜂鸣器发出报警声。If overload 110%, the inverter will shut down in 30s. If overload 120%, the inverter will shut down in 2s. the inverter only alarm but doesn't shut down in grid mode.						
	短路 Short Circuit	输出短路时，蜂鸣器长鸣，20秒后机器自动关机。When short circuit happens, the inverter will alarm and shut down after 20s.						
	电池Battery	电池高低压保护 Over voltage and low voltage protect.						
	反接Reverse	电池反接保护(可选Battery reverse protection optional)						
尺寸Size(L*W*H)(mm)	465 * 245 * 495		465 * 300 * 695		600 * 300 * 730			
包装尺寸Packing Size(L*W*H)(cm)	530 * 310 * 510		570 * 360 * 730		670 * 390 * 930			
净重N(Wt)(kg)	44	50	55	55	65	85	105	125
毛重G(Wt)(kg)	46	60	65	65	75	95	115	135



## Three Phase Power Inverter 三相网逆变器



技术参数 Products Specification:

型号Model	MWZ-3KW	MWZ-3KW	MWZ-4KW	MWZ-5KW	MWZ-6KW	MWZ-8KW	MWZ-10KW	MWZ-12KW	MWZ-15KW	MWZ-19KW	MWZ-20KW	MWZ-30KW
最低可输入电压 Lowest Input Voltage(VDC)	24V	48V	48V	48V	48V	96V	96V	96V	120V	220V	240V	
额定输入电压 Rated Input Voltage(VDC)	192V	192V	192V	192V	192V	192V	192V	192V	192V	220V	240V	
额定电流Rated Current(A)	10.4A	15.6A	20.8A	26A	31.2A	41.6A	52A	62.5A	78A	91A	125A	
电压允许范围 Input Voltage Range(VDC)							155V-230V		183V-264V 210V-300V			
额定功率Rated Power(KW)	2KW	3KW	4KW	5KW	6KW	8KW	10KW	12KW	15KW	20KW	30KW	
额定电压 Rated Output Voltage(VAC)	380VAC, 三相四线 Three Phase Four Wire											
额定电流Rated Current(A)	5.3A	7.9A	10.5A	13.2A	15.8A	21.1A	26.3A	31.6A	39.5A	52.6A	78A	
频率 Frequency(Hz)	50Hz ± 0.5%											
功率因数Power Factor	0.95											
逆变效率Efficiency	≥90%											
峰值过载能力Overload Ability	150%技术指标, 5M; 150% Overload, 5s shut down											
波形失真率Total Harmonic Distortion THD	5%											
波形Waveform	纯正弦波PURE SINE WAVE											
噪音(1米) Noise(1m)	≤55 dB											
最大海拔Sea level	≤1000M											
保护功能Protection	逆电过压、过压、过温、短路保护, 过欠压电压正常后自动恢复工作Overload, Over Voltage, Low Voltage, Short Circuit											
环境温度 Environment Temperature	-10℃-60℃											
相对湿度Humidity	≤90%RH(不凝露No Moist)											

