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# MODIFIED SINE WAVE POWER INVERTER

Over voltage  
protection



Low voltage  
protection



Over load  
protection



Over temperature  
protection



# 150W Modified sine wave power inverter



## Technical parameters

| Model                             | M-150W-12V  | M-150W-24V     | M-150W-48V     |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 150W  |                |                |
| Peak Power                        | 300W  |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.2A   | ≤0.12A         | ≤0.08A         |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | /   |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size (mm)                    |   |                |                |
| N.W/G.W(kg)                       |   |                |                |

# 300W Modified sine wave power inverter



## Technical parameters

| Model                             | M-300W-12V  | M-300W-24V     | M-300W-48V     |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 300W  |                |                |
| Peak Power                        | 600W  |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.35A  | ≤0.15A         | ≤0.1A          |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | /   |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size (mm)                    | 177mm*106mm*60mm  |                |                |
| N.W/G.W(kg)                       | 0.64kg/0.88kg   |                |                |

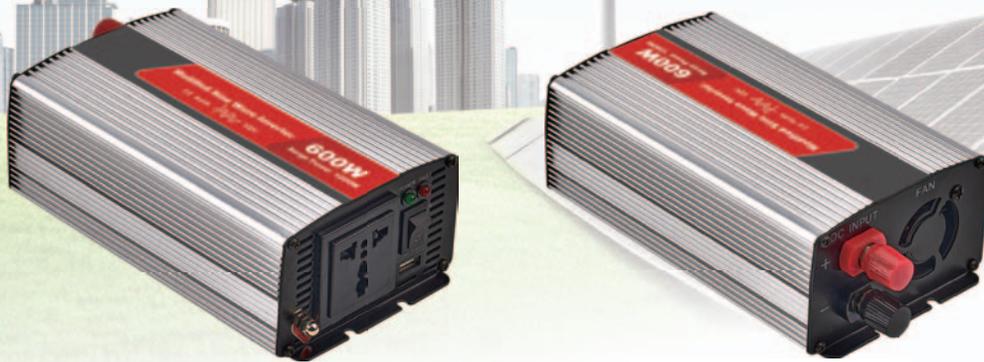
# 500W Modified sine wave power inverter



## Technical parameters

| Model                             | M-500W-12V  | M-500W-24V     | M-500W-48V     |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 500W  |                |                |
| Peak Power                        | 1000W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.5A   | ≤0.3A          | ≤0.2A          |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | /   |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 218mm*106mm*60mm  |                |                |
| N.W/G.W                           | 0.9kg/1.19kg  |                |                |

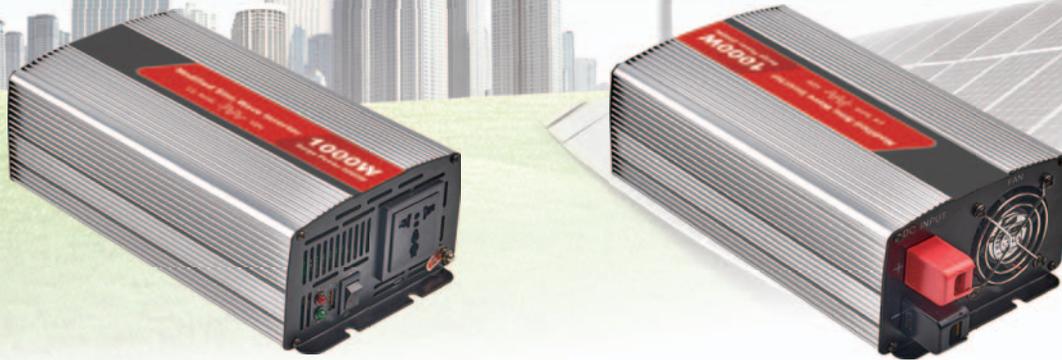
# 600W Modified sine wave power inverter



## Technical parameters

| Model                             | M-600W-12V  | M-600W-24V     | M-600W-48V     |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 600W  |                |                |
| Peak Power                        | 1200W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.5A   | ≤0.3A          | ≤0.2A          |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | /   |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 218mm*106mm*60mm  |                |                |
| N.W/G.W                           | 0.9kg/1.19kg  |                |                |

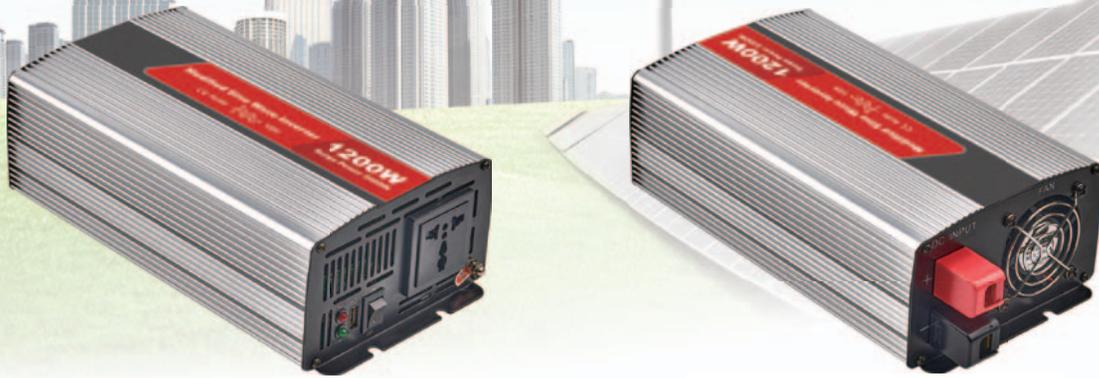
# 1000W Modified sine wave power inverter



## Technical parameters

| Model                             | M-1000W-12V   | M-1000W-24V    | M-1000W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 1000W   |                |                |
| Peak Power                        | 2000W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.5A   | ≤0.3A          | ≤0.2A          |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | /   |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 275mm*135mm*76mm  |                |                |
| N.W/G.W                           | 1.64kg/2.08kg   |                |                |

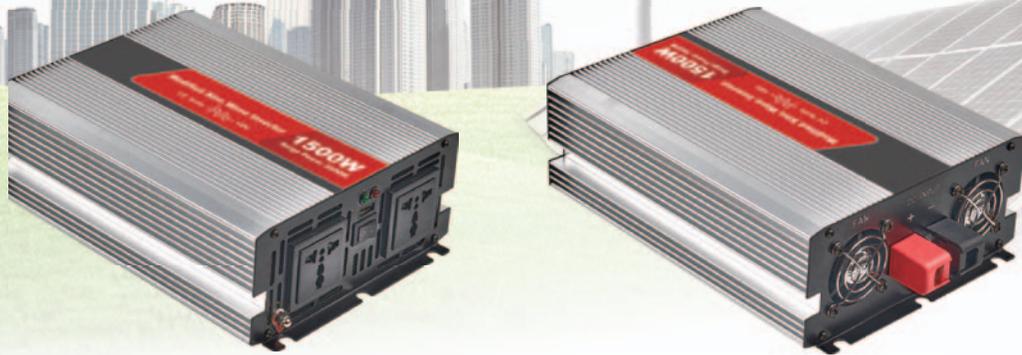
# 1200W Modified sine wave power inverter



## Technical parameters

| Model                             | M-1200W-12V   | M-1200W-24V    | M-1200W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 1200W   |                |                |
| Peak Power                        | 2400W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.5A   | ≤0.3A          | ≤0.2A          |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | LED or LCD display  |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 275mm*135mm*76mm  |                |                |
| N.W/G.W                           | 1.64kg/2.08kg   |                |                |

# 1500W Modified sine wave power inverter



## Technical parameters

| Model                             | M-1500W-12V   | M-1500W-24V    | M-1500W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 1500W   |                |                |
| Peak Power                        | 3000W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.5A   | ≤0.3A          | ≤0.2A          |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | LED or LCD display  |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 310mm*180mm*76mm  |                |                |
| N.W/G.W                           | 3.0kg/3.65kg  |                |                |

# 2000W Modified sine wave power inverter



## Technical parameters

| Model                             | M-2000W-12V   | M-2000W-24V    | M-2000W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 2000W   |                |                |
| Peak Power                        | 4000W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.6A   | ≤0.4A          | ≤0.25A         |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | LED or LCD display  |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 350mm*180mm*76mm  |                |                |
| N.W/G.W                           | 3.85kg/4.5kg  |                |                |

# 3000W Modified sine wave power inverter



## Technical parameters

| Model                             | M-3000W-12V   | M-3000W-24V    | M-3000W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 3000W   |                |                |
| Peak Power                        | 6000W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.9A   | ≤0.5A          | ≤0.35A         |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | LED or LCD display  |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 405mm*210mm*92mm  |                |                |
| N.W/G.W                           | 5.35kg/6.35kg   |                |                |

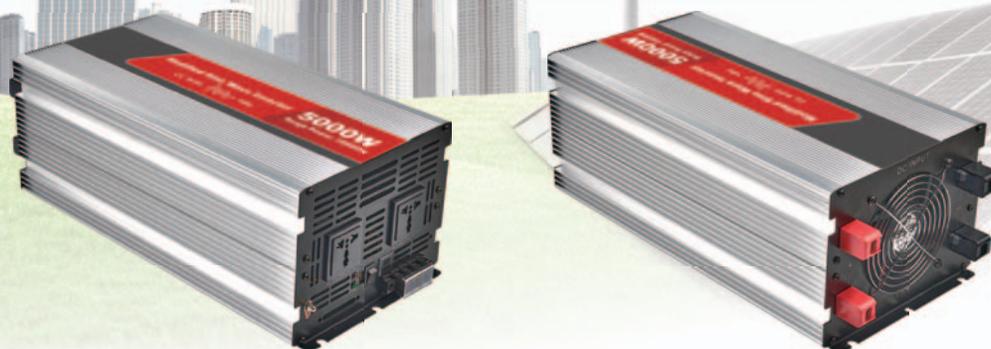
# 4000W Modified sine wave power inverter



## Technical parameters

| Model                             | M-4000W-12V   | M-4000W-24V    | M-4000W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 4000W   |                |                |
| Peak Power                        | 8000W   |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.9A   | ≤0.5A          | ≤0.35A         |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | LED or LCD display  |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         |   |                |                |
| N.W/G.W                           |   |                |                |

# 5000W Modified sine wave power inverter



## Technical parameters

| Model                             | M-5000W-12V   | M-5000W-24V    | M-5000W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 5000W   |                |                |
| Peak Power                        | 10000W  |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.9A   | ≤0.5A          | ≤0.35A         |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | LED or LCD display  |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         |   |                |                |
| N.W/G.W                           |   |                |                |

# 6000W Modified sine wave power inverter



## Technical parameters

| Model                             | M-6000W-12V   | M-6000W-24V    | M-6000W-48V    |
|-----------------------------------|---|----------------|----------------|
| Rated Power                       | 6000W   |                |                |
| Peak Power                        | 12000W  |                |                |
| DC Input Voltage Range            | DC12V(9.5V-15.5V)   | DC24V(19V-31V) | DC48V(38V-62V) |
| AC Output Voltage (Single Choice) | 100V/110V/120V/220V/230V/240V   |                |                |
| Unload Current                    | ≤0.9A   | ≤0.5A          | ≤0.35A         |
| Output Frequency                  | (50Hz±2Hz) or (60Hz±2Hz)  |                |                |
| Output Waveform                   | Modified sine wave  |                |                |
| Display                           | LED or LCD display  |                |                |
| USB Output Voltage / Current      | 5V@3.4A,9V@2A,12V@1.5A (Support QC3.0 fast charge up to 18W)  |                |                |
| Max. Output Efficiency            | 88%   | 90%            | 92%            |
| Low Voltage Protection            | "Alarm ""Bi"" with 2s interval +red and green lights flashing alternately restart automatically when voltage recover"   |                |                |
| Over Voltage Protection           | " Alarm ""BiBi"" with 1s interval +red and green lights flashing alternately restart automatically when voltage recover"  |                |                |
| Over Load Protection              | "Alarm ""Bi"" continuously +red light flashing / restart automatically when load power recover; If it is closed after twice recover, it need restart manually." |                |                |
| Over Temp Protection              | " Alarm ""BiBiBi"" with 1s interval +red and green lights flashing alternately restart when temp recover"   |                |                |
| Short Circuit Protection          | Yes   |                |                |
| DC Reverse Connection Protection  | Fuse burnt  |                |                |
| Low Voltage Alarm Range           | 10.5v±0.5v  | 21v±0.5v       | 42v±0.5v       |
| Low Voltage Protection Range      | 9.5v±0.5v   | 19v±0.5v       | 38v±0.5v       |
| Low Voltage Recover Range         | 12v±0.5v  | 23v±0.5v       | 46v±0.5v       |
| Over Voltage Protection Range     | 15.5v±0.5v  | 31v±0.5v       | 62v±0.5v       |
| Over Voltage Recover Range        | 14v±0.5v  | 28v±0.5v       | 56v±0.5v       |
| Working Temperature               | -10°C~50°C  |                |                |
| Cooling Method                    | Fan cooling (Temperature control)   |                |                |
| Unit Size                         | 490mm*210mm*151mm   |                |                |
| N.W/G.W                           | 9.7kg   |                |                |