

PRINTED CIRCUIT BOARD

Over voltage
protection



Low voltage
protection



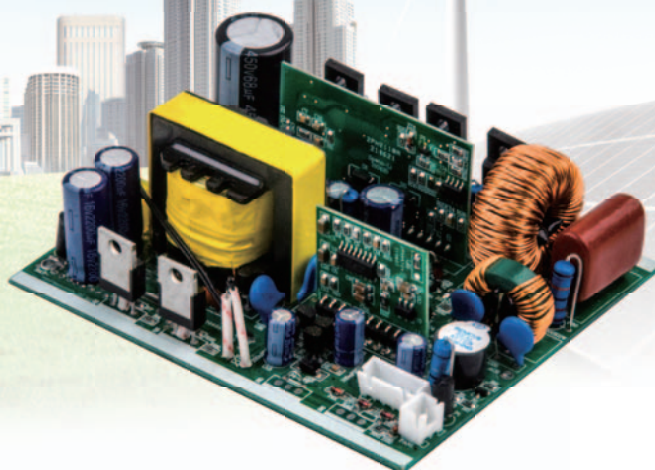
Over load
protection



Over temperature
protection



P-300W Printed circuit board

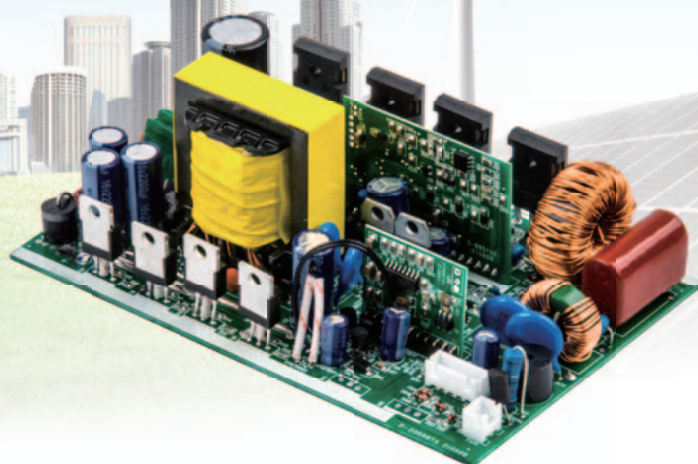


Technical parameters

| Model | P-300W-12V | P-300W-24V | P-300W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤0.55A | ≤0.3A | ≤0.18A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | / | | |
| USB Output Voltage / Current | 5V 2A (Support QC3.0 fast charge up to 18W) | | |
| Max. Output Efficiency | 89% | 91% | 93% |
| 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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

Note: The tech updates constantly. These datas are used for reference only. Please refer to our real product.

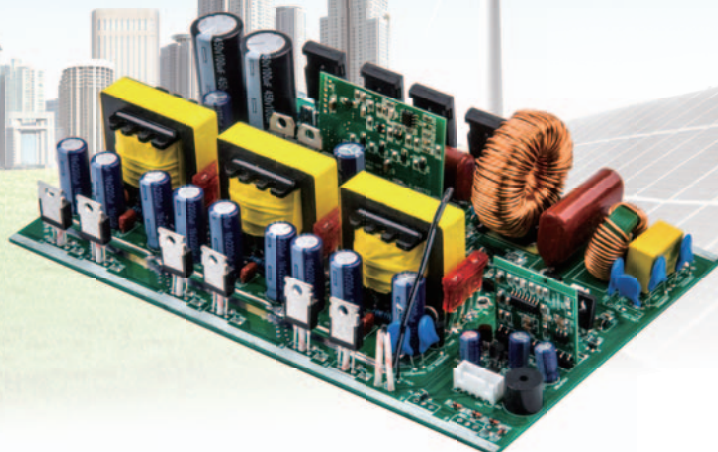
P-600W Printed circuit board



Technical parameters

| Model | P-600W-12V | P-600W-24V | P-600W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤0.6A | ≤0.3A | ≤0.2A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | / | | |
| USB Output Voltage / Current | 5V 2A (Support QC3.0 fast charge up to 18W) | | |
| Max. Output Efficiency | ≤0.6A | ≤0.3A | ≤0.2A |
| 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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

P-1000W Printed circuit board

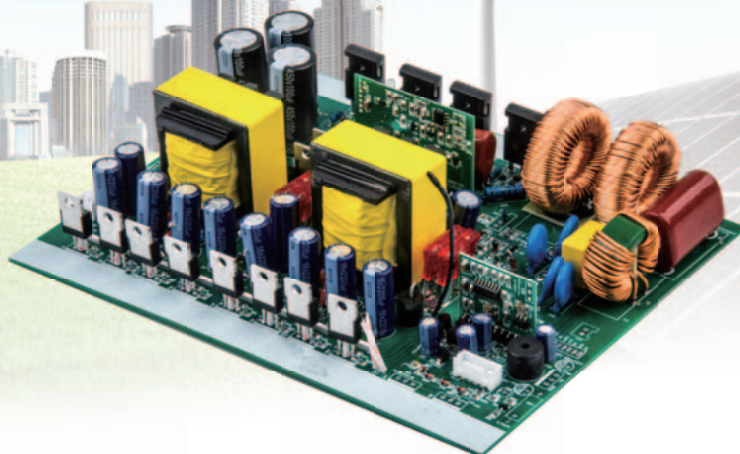


Technical parameters

| Model | P-1000W-12V | P-1000W-24V | P-1000W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤0.6A | ≤0.3A | ≤0.2A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | / | | |
| USB Output Voltage / Current | 5V 2A (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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

Note: The tech updates constantly. These datas are used for reference only. Please refer to our real product.

P-1500W Printed circuit board

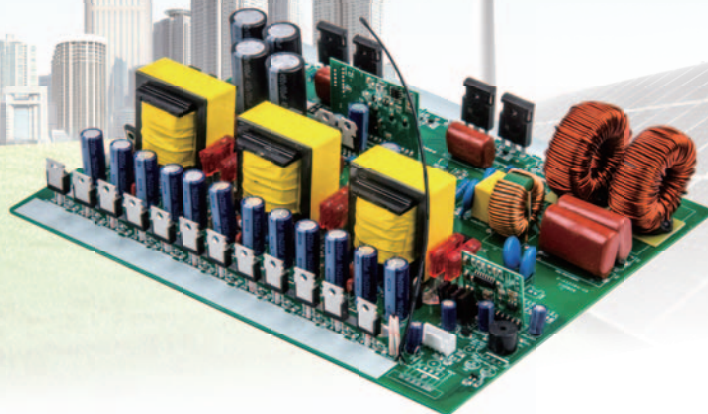


Technical parameters

| Model | P-1500W-12V | P-1500W-24V | P-1500W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤0.8A | ≤0.4A | ≤0.2A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | LED or LCD display | | |
| USB Output Voltage / Current | 5V 2A (Support QC3.0 fast charge up to 18W) | | |
| Max. Output Efficiency | 90% | 92% | 95% |
| 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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

Note: The tech updates constantly. These datas are used for reference only. Please refer to our real product.

P-2000W Printed circuit board

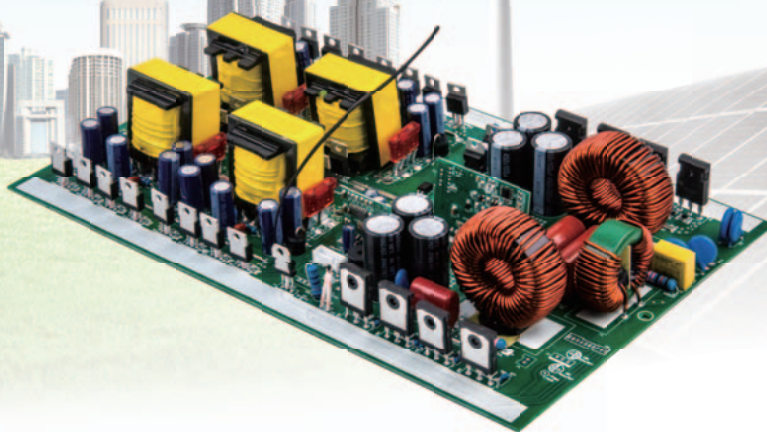


Technical parameters

| Model | P-2000W-12V | P-2000W-24V | P-2000W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤0.9A | ≤0.55A | ≤0.3A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | LED or LCD display | | |
| USB Output Voltage / Current | 5V 2A (Support QC3.0 fast charge up to 18W) | | |
| Max. Output Efficiency | 90% | 92% | 95% |
| 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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

Note: The tech updates constantly. These datas are used for reference only. Please refer to our real product.

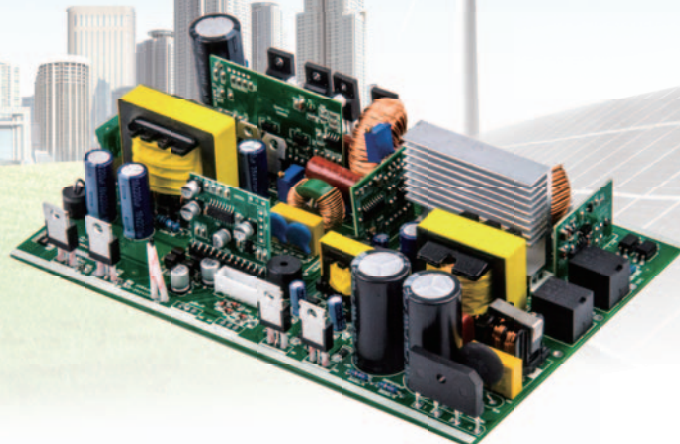
P-3000W Printed circuit board



Technical parameters

| Model | P-3000W-12V | P-3000W-24V | P-3000W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤1A | ≤0.7A | ≤0.4A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | LED or LCD display | | |
| USB Output Voltage / Current | 5V 2A (Support QC3.0 fast charge up to 18W) | | |
| Max. Output Efficiency | 90% | 92% | 95% |
| 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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

PU-300W Printed circuit board

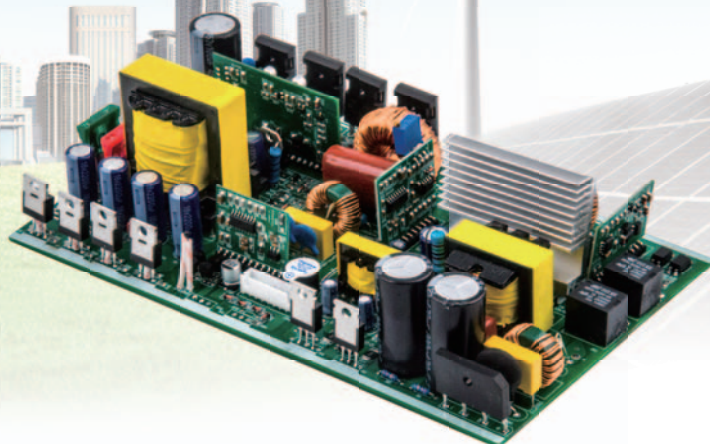


Technical parameters

| Model | PU-300W-12V | PU-300W-24V | PU-300W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤0.55A | ≤0.3A | ≤0.18A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | / | | |
| USB Output Voltage / Current | 5V 2A (Support QC3.0 fast charge up to 18W) | | |
| Max. Output Efficiency | 89% | 91% | 93% |
| 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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

Note: The tech updates constantly. These datas are used for reference only. Please refer to our real product.

PU-600W Printed circuit board



Technical parameters

| Model | PU-600W-12V | PU-600W-24V | PU-600W-48V |
|-----------------------------------|---|----------------|----------------|
| Output 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 | ≤0.6A | ≤0.3A | ≤0.2A |
| Output Frequency | 50Hz±2Hz or 60Hz±2Hz | | |
| Output Waveform | Pure sine wave | | |
| Display | / | | |
| USB Output Voltage / Current | 5V 2A (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℃ ~50℃ | | |
| Cooling Method | Fan cooling (Temperature control) | | |

Note: The tech updates constantly. These datas are used for reference only. Please refer to our real product.