

COTEK SP-4000-124

COTEK SP-4000-124 Pure Sine Wave Inverter User Manual

Model: SP-4000-124 | 4000W, 24VDC to 120VAC

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your COTEK SP-4000-124 Pure Sine Wave Inverter. This high-frequency inverter is designed to convert 24VDC battery power into 120VAC household electricity, offering a pure sine wave output suitable for sensitive electronics. Please read this manual thoroughly before installation and use.

2. SAFETY INSTRUCTIONS

Adherence to these safety guidelines is crucial to prevent personal injury and damage to the inverter or connected equipment.

- Installation must be performed by qualified personnel in accordance with all applicable electrical codes.
- Do not expose the inverter to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the inverter to prevent overheating.
- Connect the inverter only to a 24VDC power source. Connecting to a different voltage may cause damage.
- Always disconnect the DC power source before performing any maintenance or wiring.
- Ensure the inverter is properly grounded.
- Do not open the inverter casing. There are no user-serviceable parts inside.

3. PRODUCT FEATURES

The COTEK SP-4000-124 Inverter incorporates advanced features for reliable power conversion:

- Pure sine wave output for compatibility with all AC loads.
- Power ON/OFF remote control capability via green terminal.
- Input and output are fully isolated for enhanced safety.
- Temperature and load-controlled cooling fan for optimal thermal management.

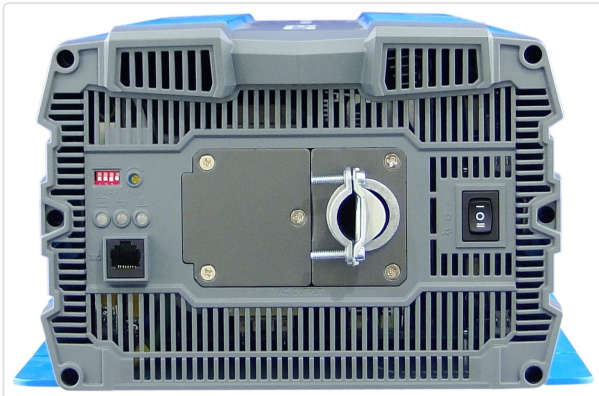
- User-friendly interface with 3-color LED status indicators.
- Output frequency (50/60 Hz) selectable via DIP switch.
- Output voltage selectable via DIP switch.
- Power saving mode adjustable by variable resistor.
- Comprehensive input protection: Reverse Polarity (Fuse), Under Voltage, Over Voltage.
- Robust output protection: Short Circuit, Overload, Over Temperature.
- Type 1 Indoor Aluminum Enclosure.
- E13 / UL / CE / FCC approved.

4. PRODUCT OVERVIEW

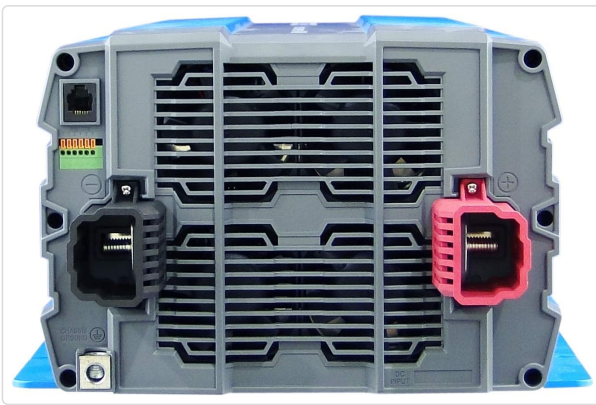
Familiarize yourself with the physical components and connections of your inverter.



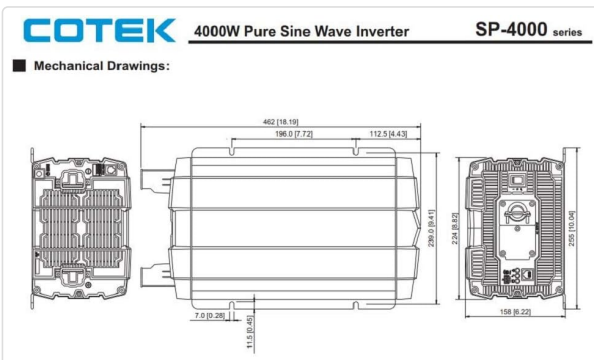
This image displays the COTEK SP-4000-124 Pure Sine Wave Inverter, showcasing its robust blue casing and overall design from an elevated, angled perspective.



This image shows the rear panel of the COTEK SP-4000-124 Inverter, featuring the hardwire AC output terminal, the main power switch, and a set of LED status indicators and DIP switches for configuration.



The front panel of the COTEK SP-4000-124 Inverter is depicted, highlighting the robust DC input terminals (red for positive, black for negative) and the chassis ground connection point.



This technical drawing provides detailed mechanical dimensions and outlines of the COTEK SP-4000 series inverter from multiple perspectives (top, front, side), indicating measurements in both millimeters and inches.

5. SETUP AND INSTALLATION

Proper installation is critical for the performance and safety of the inverter. It is highly recommended that installation be performed by a certified electrician or qualified technician.

5.1 Mounting

- Choose a dry, well-ventilated, and cool location.
- Mount the inverter securely to a stable surface, ensuring adequate clearance for airflow around the cooling fins.
- Avoid mounting near flammable materials or in direct sunlight.

5.2 DC Input Connection

- Ensure the DC power source (battery bank) is rated for 24VDC.
- Use appropriately sized cables to minimize voltage drop and ensure safe current handling.
- Connect the positive (+) terminal of the inverter to the positive terminal of the battery bank.
- Connect the negative (-) terminal of the inverter to the negative terminal of the battery bank.
- Install an external DC fuse or circuit breaker between the battery and the inverter for protection.

5.3 AC Output Connection

- The inverter features a hardwire AC outlet. Connect your AC loads directly to this terminal.

- Ensure all AC wiring complies with local electrical codes.
- Do not exceed the inverter's rated output power.

5.4 Grounding

- Connect the inverter's chassis ground terminal to a reliable earth ground point.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- After all connections are secure, switch on the external DC circuit breaker (if installed).
- Locate the main power switch on the inverter's rear panel and switch it to the 'ON' position.
- The LED indicators will illuminate, indicating the inverter's status.
- To power off, switch the main power switch to 'OFF', then disconnect the DC power source.

6.2 LED Indicators

The 3-color LED indicators provide visual feedback on the inverter's operational status and any potential faults.

- **Green:** Normal operation.
- **Yellow:** Warning (e.g., low battery, overload warning). Refer to troubleshooting.
- **Red:** Fault (e.g., overload shutdown, over-temperature shutdown). The inverter will shut down.

6.3 Output Frequency and Voltage Selection

The inverter allows for selection of output frequency (50/60 Hz) and voltage via DIP switches. Consult the label near the DIP switches for specific settings. Ensure the inverter is off before adjusting DIP switches.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your inverter.

- **Cleaning:** Periodically clean the exterior of the inverter and ensure cooling vents are free from dust and debris. Use a dry, soft cloth. Do not use liquid cleaners.
- **Connections:** Annually inspect all DC and AC connections for tightness and corrosion. Loose connections can cause overheating and poor performance.
- **Environment:** Ensure the operating environment remains within the specified temperature and humidity ranges.

8. TROUBLESHOOTING

This section provides guidance for common issues. For complex problems, contact qualified service personnel.

Problem	Possible Cause	Solution
No AC output, Red LED on	Overload, Over-temperature, Input over/under voltage	Reduce load, allow cooling, check battery voltage. Cycle power.
Yellow LED on	Low battery voltage warning, minor overload warning	Charge batteries, reduce load.

Problem	Possible Cause	Solution
Inverter does not turn on	No DC input power, loose connections, blown DC fuse	Check battery connections, verify battery voltage, inspect DC fuse/breaker.
AC output unstable	Poor DC input connections, excessive load, faulty AC wiring	Tighten DC connections, reduce load, inspect AC wiring.

9. SPECIFICATIONS

Detailed technical specifications for the COTEK SP-4000-124 Pure Sine Wave Inverter.

SP4000-124 Specifications:	
Output Voltage	120 Volts AC, +/- 5%
Output Frequency	60 Hz
Output Waveform	Pure Sine Wave
Continuous Power	4000 Watts
Surge Power	8000 VA
Input Voltage	24 Volts DC
Input Voltage Range	21.0 to 33.0 Volts DC
Peak Efficiency at Full Load	91%
Normal Operating Temp. Range	-20°C to 60°C (-4°F to 140°)
Full Load Operating Temp. Range	-20°C to 40°C (-4°F to 104°)
Dimensions	10.04" x 6.22" x 18.19"
Weight	22.04 lbs.

A table detailing the technical specifications of the COTEK SP4000-124 inverter, including output voltage, frequency, waveform, continuous power, surge power, input voltage, efficiency, operating temperature range, dimensions, and weight.

Parameter	Value
Output Voltage	120 Volts AC, +/- 5%
Output Frequency	60 Hz

Parameter	Value
Output Waveform	Pure Sine Wave
Continuous Power	4000 Watts
Surge Power	8000 VA
Input Voltage	24 Volts DC
Input Voltage Range	21.0 to 33.0 Volts DC
Peak Efficiency at Full Load	91%
Normal Operating Temp. Range	-20°C to 60°C (-4°F to 140°)
Full Load Operating Temp. Range	-20°C to 40°C (-4°F to 104°)
Dimensions (L x W x H)	18.66 x 12.56 x 9.53 inches (474 x 319 x 242 mm)
Weight	24.8 pounds (11.25 kg)

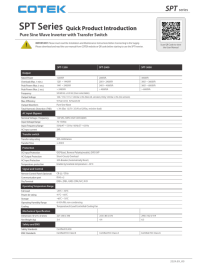
10. WARRANTY AND SUPPORT

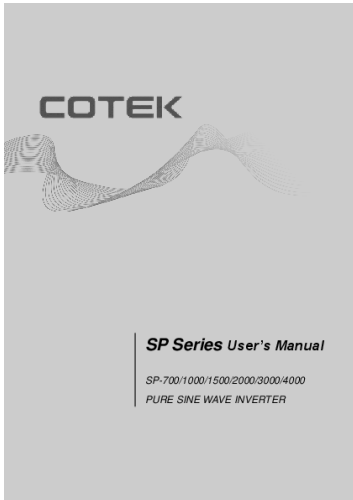
For warranty information and technical support, please refer to the documentation provided with your purchase or contact COTEK customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

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Related Documents - SP-4000-124

	COTEK SP Series Pure Sine Wave Inverter User's Manual Comprehensive user's manual for COTEK SP Series Pure Sine Wave Inverters (SP-700 to SP-4000). Learn about installation, operation, safety, technical specifications, and advanced features like pure sine wave output and robust protection.
	COTEK SR-1600 PLUS Rack Mount Pure Sine Wave Inverter: Quick Introduction A concise overview of the COTEK SR-1600 PLUS series rack-mount pure sine wave inverters, detailing specifications, product appearance, installation, and warranty information.

	COTEK SPT Series Pure Sine Wave Inverter User Manual - SPT1200/2000/3000 Comprehensive user manual for COTEK SPT Series Pure Sine Wave Inverters (SPT1200, SPT2000, SPT3000). Covers safety instructions, functional characteristics, specifications, installation, maintenance, RS-485 communication, troubleshooting, and warranty information.
	COTEK SPT Series Pure Sine Wave Inverter with Transfer Switch - Product Introduction and Specifications A concise overview of the COTEK SPT Series Pure Sine Wave Inverters with Transfer Switch, detailing their technical specifications, product appearance, installation guidelines, and warranty information for various models.
	COTEK SK Series Pure Sine Wave Inverter User's Manual This user manual provides comprehensive instructions for the COTEK SK Series Pure Sine Wave Inverters. It covers essential safety information, product features, detailed electrical and mechanical specifications, installation guidelines, operational procedures, troubleshooting steps, maintenance advice, and warranty details for models SK700, SK1000, SK1500, SK2000, and SK3000.
	COTEK SE Series Pure Sine Wave Inverter User Manual (200W, 350W, 400W) Comprehensive user manual for the COTEK SE Series Pure Sine Wave Inverters, covering models 200W, 350W, and 400W. This guide provides detailed information on safety precautions, product features, electrical specifications, installation procedures, operation, maintenance, troubleshooting, and warranty details.

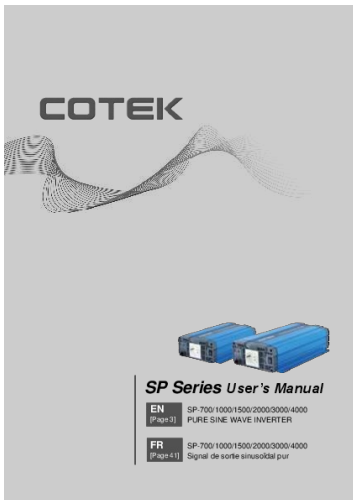


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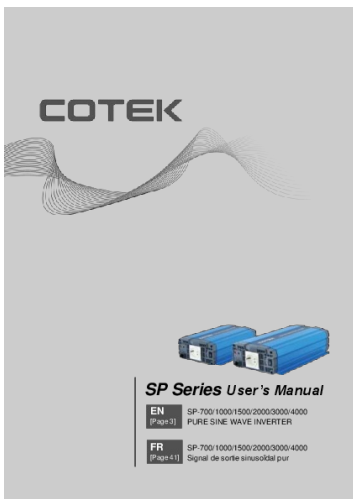


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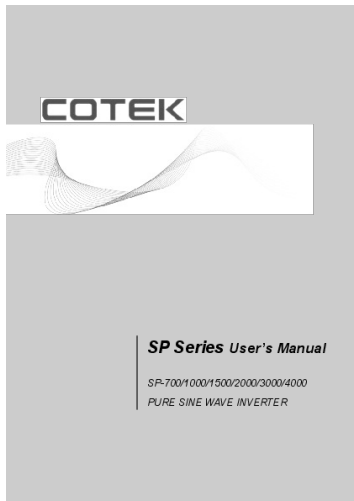


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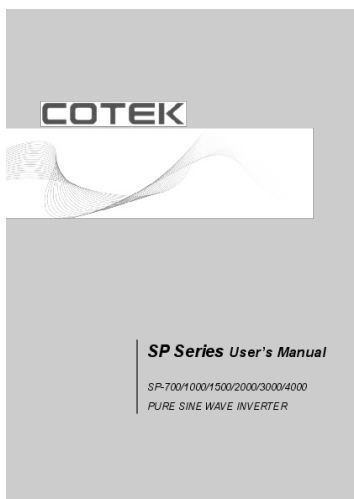


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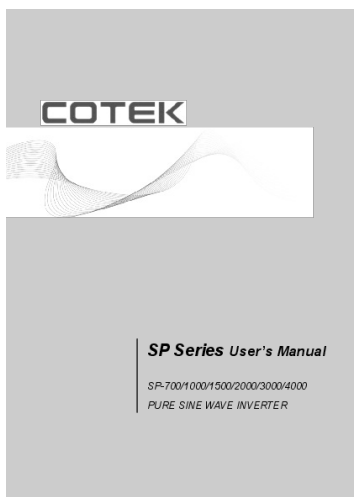


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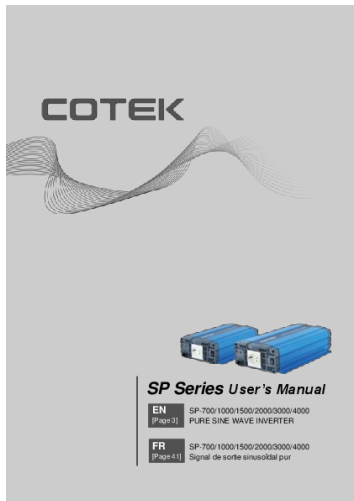


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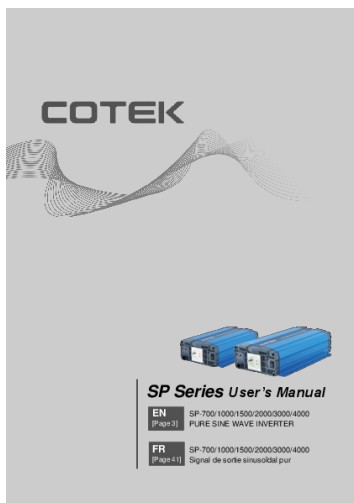


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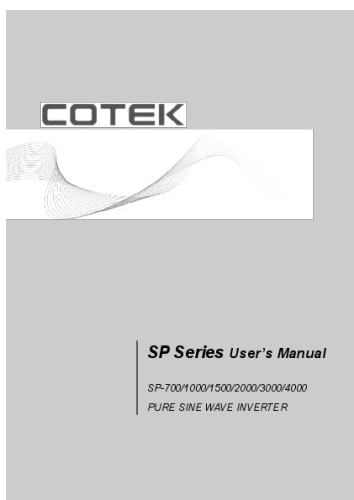


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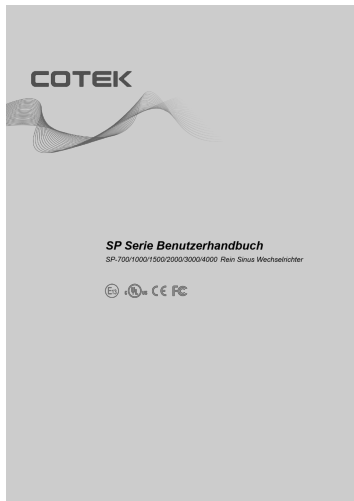


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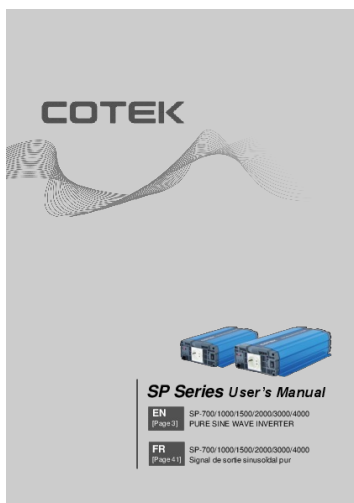
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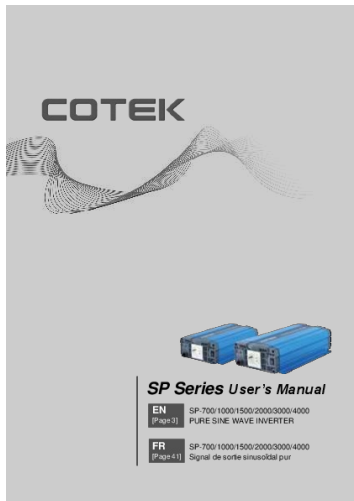
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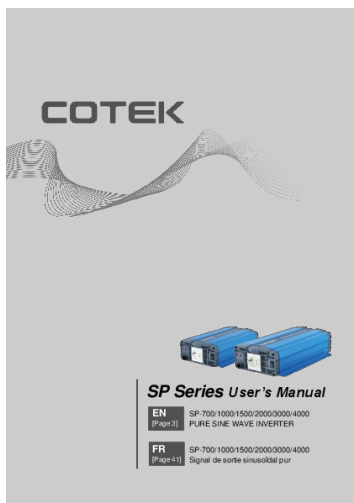
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[COTEK SP Series Pure Sine Wave Inverter User's Manual](#)

Comprehensive user's manual for COTEK SP Series Pure Sine Wave Inverters (SP-700 to SP-4000). Learn about installation, operation, safety, technical specifications, and advanced features like pure sine wave output and robust protection.

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SP Series User s Manual EN SP-700/1000/1500/2000/3000/4000 Page 3 PURE SINE WAVE INVERTER FR ... standards E-mark Dimension WxHxD Weight Cooling AC Transfer Function Accessories Model No. **SP-4000-124** SP-4000-148 24VDC 48VDC 33 0.5VDC 66 1.0VDC 21 0.5VDC 42 1.0VDC 21-33 VDC 2....

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COTEK 4000W Pure Sine Wave Inverter		SP-4000 series
Features: - Pure sine wave output - Power ON / OFF remote control (Green Terminal) - Remote controller CR-5 (CR-148 optional) - Input & Output fully isolation - Temperature & Load overvoltage protection - Built-in advanced microprocessor to provide friendly interface - Output frequency 50 / 60 Hz extendable by DIP switch - Output voltage DIP switch extendable - Adjustable power saving mode by variable resistor - Scatter LED status indicators - Input protection: Reverse Polarity (Phase), Under Voltage / Over Voltage - Output protection: Short Circuit / Overload / Over Temperature - E13 / UL / CE / FCC approved		
		
	MODEL	SP-4000-124 SP-4000-148 SP-4000-224 SP-4000-248
Output	AC Voltage	120V / 110V / 100VAC
	AC Frequency	50 / 60 Hz
	Surge Power (1 Sec.)	4000VA
	Rated Power (Continuous)	3000W / 2000W / 1500W / 1000W
Input	Output Protection	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	DC Voltage	24V / 36V / 48V / 60V / 72V / 84V / 96V / 108V / 120V
	Voltage Range	24V / 36V / 48V / 60V / 72V / 84V / 96V / 108V / 120V
	No Load Current	0.05A / 0.07A / 0.09A / 0.11A / 0.13A / 0.15A / 0.17A / 0.19A / 0.21A
Protection	Power Saving Mode	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Overload Protection	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Input Under-Voltage Protection	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Input Over-Voltage Protection	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
Others	Input Under-Voltage Recovery	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Output Protection	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Over Temperature	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	DC Input Reverse Polarity	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
Environment	Operating Temp.	0°C ~ 40°C
	Storage Temp.	-20°C ~ 60°C
	Relative Humidity	20% ~ 90%
	Altitude	0 ~ 2000m
Safety & EMC	EMC Standards	CE, FCC, UL, ENEC, VDE, TUV, SAA, BS, AS, JIS, KCS, CCC, CB, etc.
	CE Mark	CE
	UL Mark	UL
	EMC Class	Class B
Control	Remote Control	CR-5 (CR-148 optional)
	LED Indicator	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Dry Contact Terminal	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Remote Control (Green T ...)	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
Others	Dimensions (W x H x D)	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Weight	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Cooling	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC
	Application	SP-4000-124: 120V / 110V / 100VAC SP-4000-148: 120V / 110V / 100VAC SP-4000-224: 120V / 110V / 100VAC SP-4000-248: 120V / 110V / 100VAC

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4000W Pure Sine Wave Inverter Features: Pure sine wave output Power ON / OFF remote control Green T ... tor Dry Contact Terminal Remote Control Terminal Dimension W x H x D Packing Cooling Application **SP-4000-124** SP-4000-148 SP-4000-224 SP-4000-248 100 / 110 / 115 / 120VAC 200 / 220 / 230 / 240V...

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400W Pure Sine Wave Inverter

SP-4000 Series

■ Features:

- Pure sine wave output
- Pure sine wave mode control (Over Thermal)
- Remote controller (CR-9 (CR-15A (optional))
- Load & Output Power Indicator
- Temperature & Load overvoltage control logic
- Built in automatic protection to ensure healthy service
- Output Power can be 100% controlled by remote
- Input & Output Power Indicator
- Voltage output OFF switch adjustable
- Adjustable power saving mode by variable resistor
- Superior Load Loss indicators
- Load protection (Reverse Polarity Protection / Over Voltage / Over Temperature / Over Current / Short Circuit / Overload / Over Temperature /
- ETS / UL / CE / FCC PSEcert

	KECCS	SP-4000-D1	SP-4000-D6	SP-4000-D2	SP-4000-D6
Output	AC Output	110/220 VAC 50/60 Hz	110/220 VAC 50/60 Hz	220/230 VAC 50/60 Hz	220/230 VAC 50/60 Hz
	AC Regulation	±1%	±1%	±1%	±1%
	Output Power	400W	400W	400W	400W
	Maximum Output Power	400W	400W	400W	400W
Input	Input Voltage	100-130VAC 50/60 Hz	100-130VAC 50/60 Hz	100-130VAC 50/60 Hz	100-130VAC 50/60 Hz
	Input Voltage Range	90V-130VAC 50/60 Hz	90V-130VAC 50/60 Hz	90V-130VAC 50/60 Hz	90V-130VAC 50/60 Hz
	Input Voltage Regulation	±1%	±1%	±1%	±1%
	Input Voltage Recovery	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz
Protection	Over Voltage Protection	130V-140VAC 50/60 Hz	130V-140VAC 50/60 Hz	130V-140VAC 50/60 Hz	130V-140VAC 50/60 Hz
	Over Current Protection	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz
	Over Load Protection	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz
	Over Temperature	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz
Environment	DC Input Reverse Polarity	Yes/No	Yes/No	Yes/No	Yes/No
	Operating Temp.	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
	Case Temp.	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
	Storage Temp.	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Size & Weight	Dimensions (mm)	100x70x110	100x70x110	100x70x110	100x70x110
	Weight (kg)	0.5	0.5	0.5	0.5
	DC Input	12V/24V/36V/48V	12V/24V/36V/48V	12V/24V/36V/48V	12V/24V/36V/48V
	DC Output	12V/24V/36V/48V	12V/24V/36V/48V	12V/24V/36V/48V	12V/24V/36V/48V
Control Panel	Appearance of Control Panel	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)
	AC Output Control	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)
	DC Input Control	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)
	Remote Set Point	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz
Others	Output	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz	100V-130VAC 50/60 Hz
	Control	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)
	Protection	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)
	Input	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)	Remote Control CR-9 (CR-15A) (optional)

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Cotek SP 4000 Series DatasheetStellavolta 248 Pure Sine Wave Inverter 230VAC 48VDCCotek

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4000W Pure Sine Wave Inverter Features: Pure sine wave output Power ON / OFF

remote control Green T ... tor Dry Contact Terminal Remote Control Terminal

Dimension W x H x D Packing Cooling Application **SP-4000-124** SP-4000-148 SP-

4000-224 SP-4000-248 100 / 110 / 115 / 120VAC 200 / 220 / 230 / 240V...

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400W Pure Sine Wave Inverter

SP-4000 Series

■ Features:

- Pure sine wave output
- Power COT (Circuit Over Temperature) Protection
- Remote control cooling fan
- Input & Output Fully Isolated
- Temperature & Load controlled cooling fan
- Input & Output misconnection to prevent polarity interface
- Output frequency 50 / 60 Hz satisfactorily by DSP switch
- Output voltage regulation by feedback control
- Automatic power saving mode by variable resistor
- Superior Load Short Circuit
- Input protection (Reverse Polarity) / Over Temperature / Over Voltage
- Output protection (Short Circuit / Overload / Over Temperature / Over Voltage)
- ETL, UL, FCC approved

	Model	SP-4000-50	SP-4000-60	SP-4000-50/60	SP-4000-60/60
Output	Rated Power	400W	400W	200W/400W	200W/400W
	Max Power	400W	400W	200W	200W
	Max. Output Current (1.0s)	8.0A	8.0A	4.0A	4.0A
	Max. Output Current (1.0s) (V _{OC})	16.0A	16.0A	8.0A	8.0A
	Max. Output Current (1.0s) (V _{OC}) (Pure Sine Wave Inverter)	16.0A	16.0A	8.0A	8.0A
Input	Frequency	50 Hz or 60 Hz	50 Hz or 60 Hz	50 Hz or 60 Hz	50 Hz or 60 Hz
	AC Input Protection	Overload Protection	Overload Protection	Overload Protection	Overload Protection
	Max. Input Voltage	120V AC	120V AC	120V AC	120V AC
	Max. Load Current	8.0A (100%)	8.0A (100%)	8.0A (100%)	8.0A (100%)
	Max. Load Current (V _{OC})	16.0A (100%)	16.0A (100%)	16.0A (100%)	16.0A (100%)
Protection	Input Voltage Protection	120V AC	120V AC	120V AC	120V AC
	Input Voltage Recovery	120V AC	120V AC	120V AC	120V AC
	Output Short Circuit	120V AC	120V AC	120V AC	120V AC
	Output Overload	120V AC	120V AC	120V AC	120V AC
	Output Over Voltage	120V AC	120V AC	120V AC	120V AC
Over Temperature	Heat sink temperature	80°C	80°C	80°C	80°C
	Heat sink temperature (R _{DS(on)} temperature)	80°C	80°C	80°C	80°C
Over Temperature Protection	DC Input Reverse Polarity	120V AC	120V AC	120V AC	120V AC
	Overload Protection	120V AC	120V AC	120V AC	120V AC
Environment	Operating Temp.	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
	Storage Temp.	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Safety & Shield	EMC Standards	CE/UL/FCC Class A/CISPR	CE/UL/FCC Class A/CISPR	CE/UL/FCC Class A/CISPR	CE/UL/FCC Class A/CISPR
	Emission	CE/UL/FCC Class A/CISPR	CE/UL/FCC Class A/CISPR	CE/UL/FCC Class A/CISPR	CE/UL/FCC Class A/CISPR
Control	Assemble / Optional	Remote Control (RS-485, Infrared, Serial)	Remote Control (RS-485, Infrared, Serial)	Remote Control (RS-485, Infrared, Serial)	Remote Control (RS-485, Infrared, Serial)
	DC Control System	DC/DC Converter	DC/DC Converter	DC/DC Converter	DC/DC Converter
Others	Output Voltage	120V AC	120V AC	120V AC	120V AC
	Output Frequency	50 Hz or 60 Hz	50 Hz or 60 Hz	50 Hz or 60 Hz	50 Hz or 60 Hz
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC
	Output Voltage	120V AC	120V AC	120V AC	120V AC
Safety	Overload Protection	120V AC	120V AC	120V AC	120V AC

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SP4000 SPEC A6 160727 admin 4000W Pure Sine Wave Inverter SP 4000 series MODEL 124 148 224

248 100 110 115 120VAC 200 220 230 240VAC $\pm 5\%$ sine wave output Power ON OFF remote control

Green Terminal data 20201022152817 cotek tw filemag 10000 1000 27 COTEK Mechanical Drawings 28

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TerminalMechanical CurvePure Remote controller CR 16A optionalPure optionalSP 4000WSP

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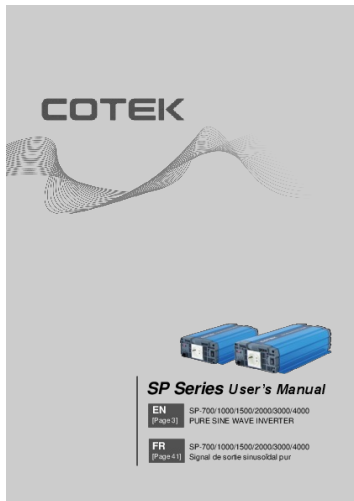
4000W Pure Sine Wave Inverter Features: Pure sine wave output Power ON / OFF

remote control Green T ... tor Dry Contact Terminal Remote Control Terminal

Dimension W x H x D Packing Cooling Application **SP-4000-124** SP-4000-148

4000-224 SP-4000-248 100 / 110 / 115 / 120VAC 200 / 220 / 230 / 240V...

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[\[pdf\]](#) User Manual Instructions Specifications Diagram

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SP Series User s Manual EN SP-700/1000/1500/2000/3000/4000 Page 3 PURE SINE
WAVE INVERTER FR ... standards E-mark Dimension WxHxD Weight Cooling AC
Transfer Function Accessories Model No. **SP-4000-124** SP-4000-148 24VDC 48VDC
33 0.5VDC 66 1.0VDC 21 0.5VDC 42 1.0VDC 21-33 VDC 2....

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