

COTEK SP-1000-224

Cotek SP-1000-224 Pure Sine Wave Inverter User Manual

Model: SP-1000-224 | Brand: COTEK

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Cotek SP-1000-224 Pure Sine Wave Inverter. This inverter is designed to convert 24VDC power to 230VAC, providing a stable and reliable power source for various applications.

Key Features:

- Pure sine wave output for sensitive electronics.
- Power ON / OFF remote control capability (Green Terminal).
- Input & output fully isolated for enhanced safety.
- Temperature & load controlled cooling fan for optimal performance.
- User-friendly interface.
- Output frequency (50/60 Hz) selectable via DIP switch.
- Output voltage selectable via DIP switch.
- Power saving mode adjustable via variable resistor.
- 3-color LED status indicators for easy monitoring.
- 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.

2. SAFETY INFORMATION

WARNING: Please read and understand all safety instructions before installing or operating this inverter. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

- **Electrical Hazard:** This unit produces high voltage. Do not open the inverter casing. Refer all servicing to

qualified personnel.

- **Battery Safety:** Work in a well-ventilated area. Batteries can produce explosive gases. Do not smoke or allow sparks or flames near the battery.
- **Proper Ventilation:** Ensure adequate airflow around the inverter. Do not block ventilation openings.
- **Environmental Conditions:** Do not expose the inverter to rain, moisture, or excessive dust. Operate in a dry, cool environment.
- **Grounding:** The inverter must be properly grounded. Follow all local and national electrical codes.
- **Load Capacity:** Do not exceed the inverter's rated power output. Overloading can cause damage to the inverter and connected devices.
- **California Proposition 65 Warning:** This product may contain materials cautioned by California Proposition 65.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various parts of your Cotek SP-1000-224 Pure Sine Wave Inverter.



Figure 3.1: Angled view of the Cotek SP-1000-224 Pure Sine Wave Inverter, showing its blue aluminum casing and grey end caps with ventilation and connection ports.



Figure 3.2: Front panel of the inverter, featuring the AC output socket (Schuko type), a power switch, LED indicators, and DIP switches for configuration.



Figure 3.3: Rear panel of the inverter, showing the DC input terminals for battery connection, a remote control port (RJ45), and a green terminal block for remote ON/OFF control.



Figure 3.4: Side view of the inverter, highlighting its robust blue aluminum heat sink casing designed for efficient heat dissipation.

Features:

- Pure sine wave output
- Power ON / OFF remote control (Green Terminal)
- Remote controller CR-8 / CR-16A (optional)
- Input & Output fully isolation
- Temperature & Load controlled cooling fan
- Built in advance microprocessor to provide friendly interface
- Output frequency 50 / 60 Hz selectable by DIP switch
- Output voltage DIP switch selectable
- Adjustable power saving mode by variable resistor
- 3-color LED status indicators
- Input protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output protection: Short Circuit / Overload / Over Temperature
- E13 / UL / CE / FCC approved

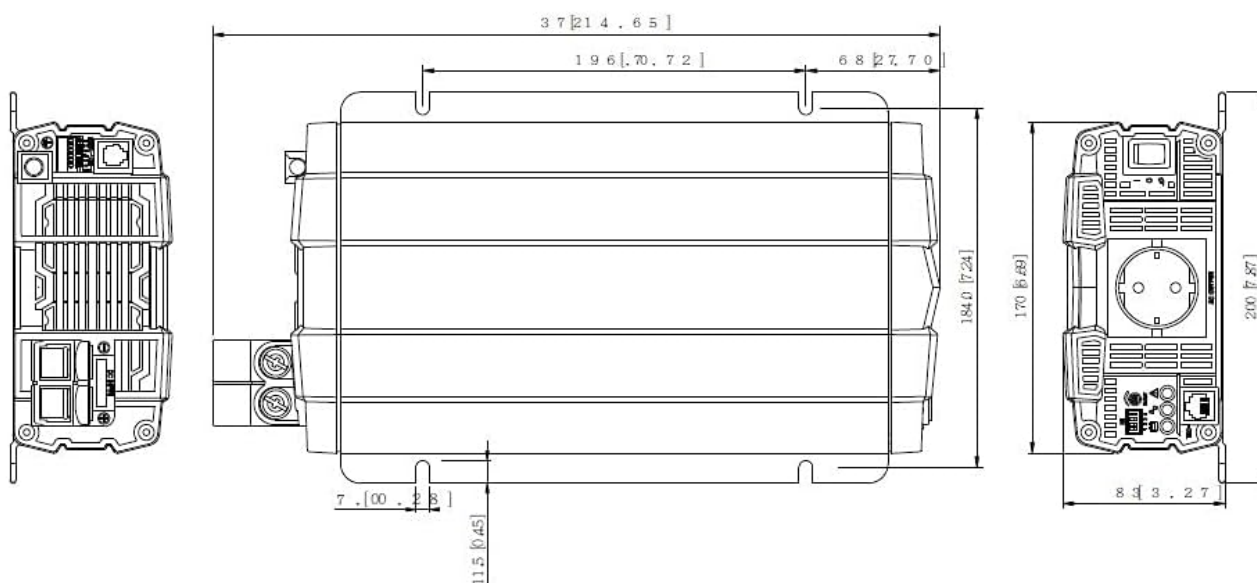


MODEL		SP-1000-112	SP-1000-124	SP-1000-148	SP-1000-212	SP-1000-224	SP-1000-248
Output	AC Voltage	100 / 110 / 115 / 120VAC			200 / 220 / 230 / 240VAC		
	AC Regulation	±5%			±3%		
	Rated Power	1000VA					
	Surge Power (Max.3 Sec)	<1750VA					
	Maximum Output Power (1 Min)	>1000VA~1150VA (100%~115%)					
	Output Waveform	Pure Sine Wave (THD<5%@Normal Load NOTE1)			Pure Sine Wave (THD<3%@Normal Load NOTE2)		
	Frequency	50 / 60 Hz ±0.5%					
Input	DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
	Voltage Range	10.5 ~ 16.5VDC	21.0 ~ 33.0VDC	42.0 ~ 66.0VDC	10.5 ~ 16.5VDC	21.0 ~ 33.0VDC	42.0 ~ 66.0VDC
	NO Load Current	≤1.5A@12VDC	≤0.8A@24VDC	≤0.5A@48VDC	≤1.5A@12VDC	≤0.8A@24VDC	≤0.4A@48VDC
	Power Saving Mode	<0.1A@12VDC	<0.06A@24VDC	<0.05A@48VDC	<0.1A@12VDC	<0.05A@24VDC	<0.05A@48VDC
	Efficiency (Max.)	92%	93%	93%	92%	94%	94%
Protection	Input Under - Voltage Protection	10.5 ±0.3VDC	21.0 ±0.5VDC	42.0 ±1.0VDC	10.5 ±0.3VDC	21.0 ±0.5VDC	42.0 ±1.0VDC
	Input Under - Voltage Recovery	12.5 ±0.3VDC	25.0 ±0.5VDC	50.0 ±1.0VDC	12.5 ±0.3VDC	25.0 ±0.5VDC	50.0 ±1.0VDC
	Input Over - Voltage Protection	16.5 ±0.3VDC	33.0 ±0.5VDC	66.0 ±1.0VDC	16.5 ±0.3VDC	33.0 ±0.5VDC	66.0 ±1.0VDC
	Input Over - Voltage Recovery	14.5 ±0.3VDC	29.0 ±0.5VDC	58.0 ±1.0VDC	14.5 ±0.3VDC	29.0 ±0.5VDC	58.0 ±1.0VDC
	Output Overload	Shutdown output voltage, restart to recover					
	Output Short	Shutdown output voltage, restart to recover					
	Over Temperature	Heat sink temperature over 80°C ±5°C, shutdown output voltage, recover automatically after heat sink temperature goes down to 60°C ±5°C					
	DC Input Reverse Polarity	By fuse					
Environment	Operating Temp.	-20°C ~ +40°C ; 60°C @40% power load					
	Storage Temp.	-30°C ~ +70°C					
	Storage Temp. & Humidity	10 ~ 95% RH					
Safety & EMC	Safety Standards	Certified UL 458 NOTE3		---	Certified EN 62368-1		
	EMC Standards	Certified FCC class B			Certified EN 55032 class B; EN 55024 EN 61000-3-2, -3-3 EN 61000-4-2, 3, 4, 5, 6, 8, 11		
	E-mark	----			Certified CISPR 25 ISO 7637-2		
Control & Signal	Accessory (Optional)	Remote Control: CR-8 / CR-16A; Transfer Switch: TR-40					
	LED Indicator	Input voltage level, output load level and faulty status					
	Dry Contact Terminal	By relay					
	Remote Control Terminal	6-port green terminal					
Others	Dimension (W x H x D)	200x83x372 mm / 7.87x3.27x14.65 inch					
	Packing	3.26kg; 4pcs / 14kg / 2.65CUFT					
	Cooling	Temperature & load controlled cooling fan					
	Application	Home and office appliances, portable power equipment, vehicle, yacht and off-grid Solar power systems ...etc.					
	Socket Type	 North America (GFCI)			 North America (NEMA 5-15R)		     Continental European (SCHUKO) Australia / New Zealand United Kingdom Universal France Connector

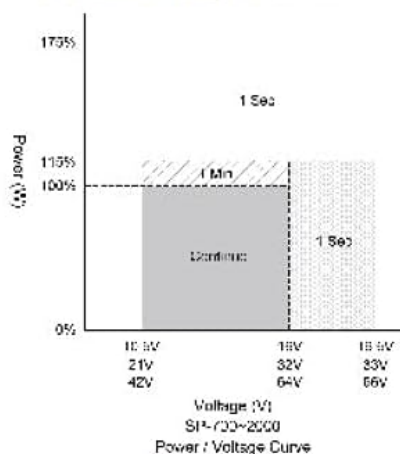
Note1 - Normal Condition: Vin=12.5V / 25V / 50V Vo=100 / 110 / 115 / 120 VAC 80% Full load (PF=1.0)
 Note2 - Normal Condition: Vin=12.5V / 25V / 50V Vo=200 / 220 / 230 / 240 VAC 80% Full load (PF=1.0)
 Note3 - UL only for GFCI receptacles

Figure 3.5: A detailed table outlining the features and technical specifications of the Cotek SP-1000 series inverters, including input/output parameters, protections, and certifications.

Mechanical Drawings:



Power Voltage Curve:



Power Temperature Curve:

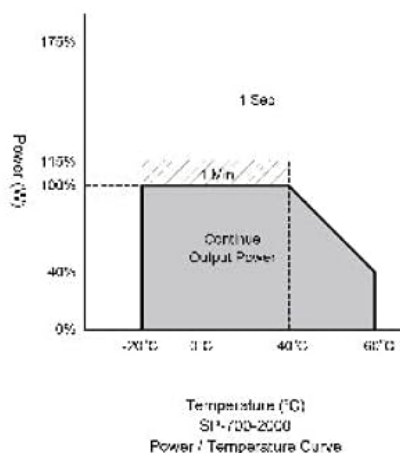


Figure 3.6: Mechanical drawings providing dimensions of the inverter, along with power voltage and power temperature curves illustrating performance characteristics.

4. SETUP AND INSTALLATION

4.1 Choosing a Location:

- Install the inverter in a dry, cool, and well-ventilated area.
- Avoid direct sunlight, heat sources, and moisture.
- Ensure sufficient clearance around the inverter for proper airflow, especially around the cooling fan and ventilation openings.
- Mount the inverter securely on a stable, non-combustible surface.

4.2 DC Input Connection:

1. Ensure the inverter's power switch is in the OFF position.
2. Connect the positive (+) terminal of the 24VDC battery bank to the positive (+) DC input terminal on the inverter.
3. Connect the negative (-) terminal of the 24VDC battery bank to the negative (-) DC input terminal on the inverter.
4. Use appropriately sized cables to minimize voltage drop and ensure safe operation. Refer to electrical standards for cable sizing.
5. Ensure all connections are tight and secure.

4.3 AC Output Connection:

- Plug your AC appliances directly into the AC output socket on the inverter.
- Ensure the total power consumption of all connected appliances does not exceed the inverter's 1000W continuous output rating.

4.4 Grounding:

Proper grounding is essential for safety. Connect the inverter's chassis ground terminal to a reliable earth ground using a suitable grounding wire. Consult local electrical codes for specific grounding requirements.

4.5 Remote Control (Optional):

The inverter supports remote ON/OFF control via the green terminal block or an optional RJ45 remote control unit. Refer to the accessory manual for detailed instructions on connecting and using the remote control.

4.6 DIP Switch Configuration:

The inverter features DIP switches on the front panel to select output frequency (50/60 Hz) and output voltage. Refer to the table below for common settings. Ensure the inverter is OFF before changing DIP switch settings.

Table 4.1: Example DIP Switch Settings (Consult Figure 3.5 for full details)

Setting	DIP Switch Position
Output Frequency 50Hz	Switch 1: OFF, Switch 2: OFF (Example, refer to actual product manual/Figure 3.5)
Output Frequency 60Hz	Switch 1: ON, Switch 2: OFF (Example, refer to actual product manual/Figure 3.5)
Output Voltage 230VAC	Switch 3: ON, Switch 4: OFF (Example, refer to actual product manual/Figure 3.5)

Note: The exact DIP switch configurations for specific voltage and frequency settings are detailed in the product's full technical specifications (refer to Figure 3.5). Always verify settings before operation.

5. OPERATION

5.1 Powering On the Inverter:

1. Ensure all DC and AC connections are secure and correct.
2. If using the remote control, ensure it is connected and in the ON position.
3. Flip the main power switch on the inverter's front panel to the "ON" position.
4. Observe the 3-color LED status indicators. A green light indicates normal operation.

5.2 LED Status Indicators:

- **Green:** Normal operation.
- **Yellow/Amber:** Warning (e.g., input voltage slightly low/high, minor overload). The inverter may continue to operate but requires attention.
- **Red:** Fault condition (e.g., severe overload, short circuit, over-temperature, critical input voltage). The inverter will shut down to protect itself and connected devices.

5.3 Power Saving Mode:

The inverter features a power saving mode, adjustable via a variable resistor. This mode reduces power consumption when no load or a very light load is detected. Adjust the resistor to set the sensitivity for entering/exiting power saving mode.

5.4 Powering Off the Inverter:

1. Turn off all connected AC appliances.
2. Flip the main power switch on the inverter's front panel to the "OFF" position.
3. If using a remote control, turn it off as well.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your inverter.

- **Cleaning:** Periodically clean the exterior of the inverter with a dry, soft cloth. Do not use liquid cleaners or solvents. Ensure ventilation openings are free from dust and debris.
- **Connections:** Periodically check all DC and AC connections to ensure they are tight and free from corrosion. Loose connections can cause overheating and poor performance.
- **Ventilation:** Ensure the cooling fan and ventilation grilles are not obstructed. The fan operates based on temperature and load, so ensure it can draw and expel air freely.
- **Battery Health:** Monitor the health of your battery bank. A weak or failing battery can negatively impact inverter performance and lifespan.

WARNING: Do not attempt to service the inverter yourself. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your inverter. If the problem persists after following these steps, contact customer support.

Problem	Possible Cause	Solution
Inverter does not turn on (No LED indication)	- Loose DC connections - Blown DC input fuse - Battery voltage too low - Inverter switch OFF	- Check and tighten DC cables. - Check and replace fuse if necessary (ensure correct rating). - Charge battery or check battery health. - Ensure inverter switch is ON.
Red LED is on, inverter shuts down	- Overload - Short circuit at AC output - Over-temperature - Input over/under voltage	- Reduce connected load. - Check AC wiring for shorts. - Allow inverter to cool down; ensure proper ventilation. - Check battery voltage; ensure it's within operating range.
Yellow/Amber LED is on	- Minor overload - Input voltage near limits	- Reduce load if possible. - Monitor battery voltage; ensure it's stable.
No AC output	- Inverter not powered on - Fault condition (Red LED) - AC appliance issue	- Check power switch and LED status. - Refer to "Red LED is on" solutions. - Test AC appliance with another power source.

8. TECHNICAL SPECIFICATIONS

The following table provides detailed technical specifications for the Cotek SP-1000-224 Pure Sine Wave Inverter. For a comprehensive overview, refer to Figure 3.5.

Parameter	Value (SP-1000-224)
Model	SP-1000-224
AC Output Voltage	230VAC (selectable)
DC Input Voltage	24VDC

Parameter	Value (SP-1000-224)
Continuous Power	1000W
Surge Power (3 sec)	1750VA
Output Waveform	Pure Sine Wave (THD < 3%)
Output Frequency	50/60 Hz (selectable)
Efficiency (Max)	92%
Input Under Voltage Protection	21.0 ± 0.5VDC
Input Over Voltage Protection	33.0 ± 0.5VDC
Operating Temperature	-20°C ~ +40°C (60% power load)
Dimensions (L x W x H)	17 x 10 x 6 inches (approx.)
Weight	8.94 pounds
Certifications	E13 / UL / CE / FCC approved

Note: Specifications are subject to change without notice. Always refer to the product label or manufacturer's official documentation for the most accurate and up-to-date information.

9. WARRANTY INFORMATION

COTEK products are manufactured to high quality standards. For specific warranty terms and conditions, including duration and coverage, please refer to the warranty card included with your product or visit the official COTEK website. Keep your proof of purchase for warranty claims.

Typical warranties cover defects in materials and workmanship under normal use. Damage caused by improper installation, misuse, abuse, or unauthorized modifications is generally not covered.

10. CUSTOMER SUPPORT

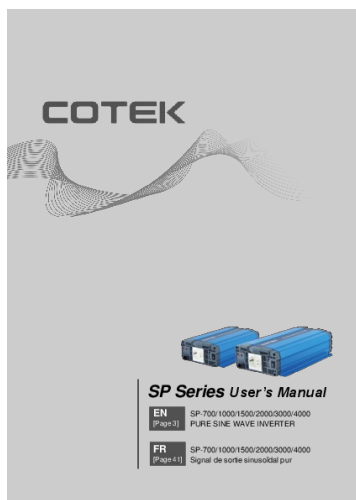
If you have any questions, require technical assistance, or need to report an issue with your Cotech SP-1000-224 Pure Sine Wave Inverter, please contact COTEK customer support or your authorized dealer.

When contacting support, please have the following information ready:

- Product Model: SP-1000-224
- Serial Number (if applicable, usually found on the product label)
- Date of Purchase
- A detailed description of the issue you are experiencing.

For the most up-to-date contact information, please visit the official COTEK website:www.cotek.com.tw (This is a placeholder URL, please verify the actual manufacturer website).

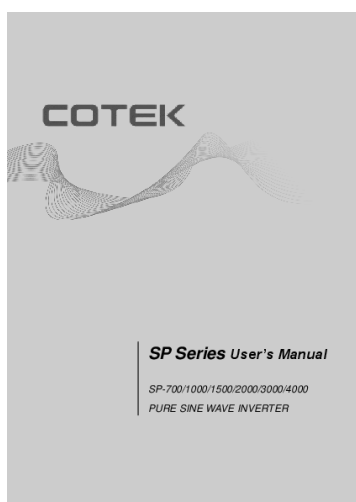
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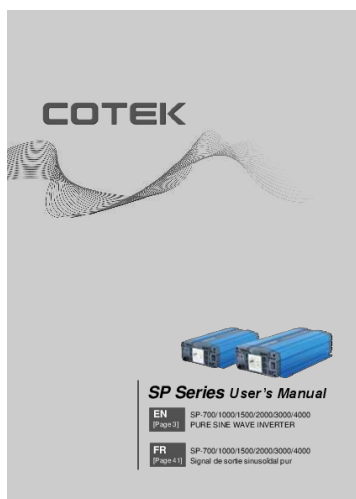
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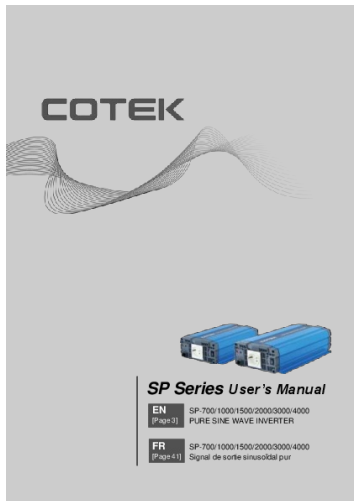
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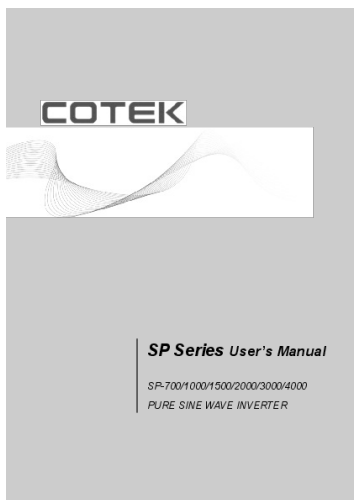
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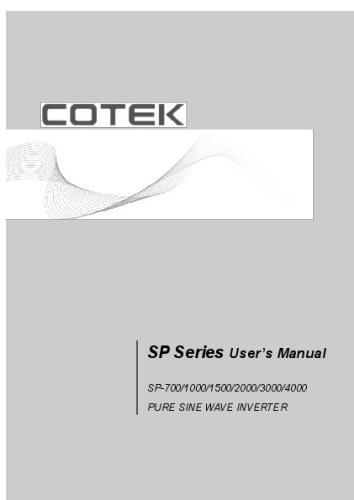
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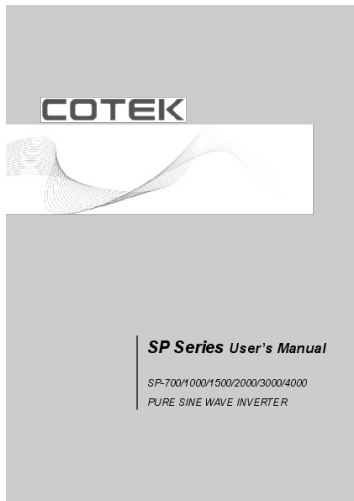
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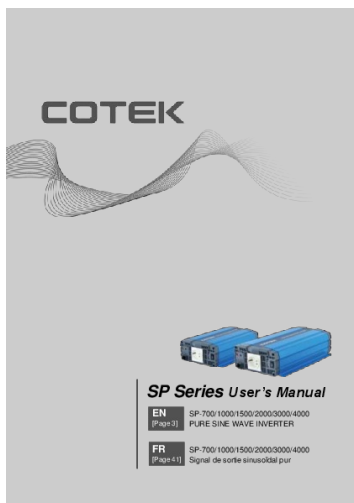
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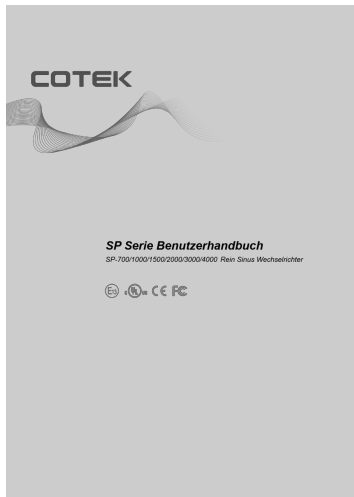


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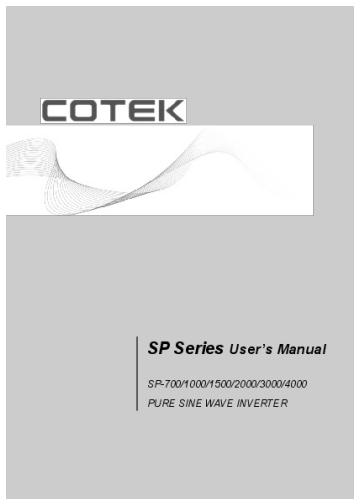
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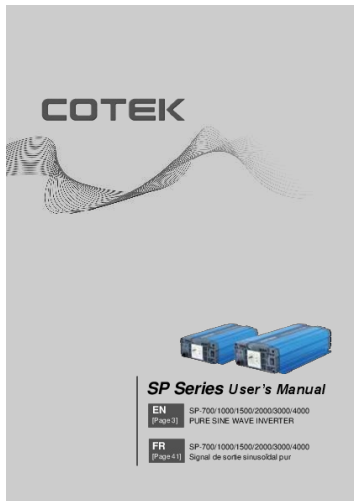
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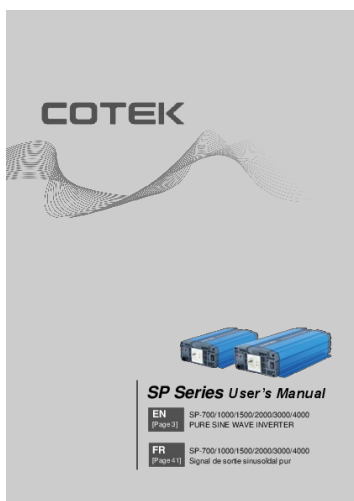
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SP Series User s Manual SP-700/1000/1500/2000/3000/4000 PURE SINE WAVE INVERTER Table of Content ... n WxHxD Weight Cooling AC Transfer Function Accessories SP-1000-212 12VDC 16.5 0.3VDC Model No. **SP-1000-224** 24VDC 33 0.5VDC SP-1000-248 48VDC 66 1.0VDC 10.5 0.3VDC 10.5-16.5 VDC 1.5A 12VDC ... lang:en **score:14** filesize: 1.91 M page_count: 40 document date: 2017-01-16



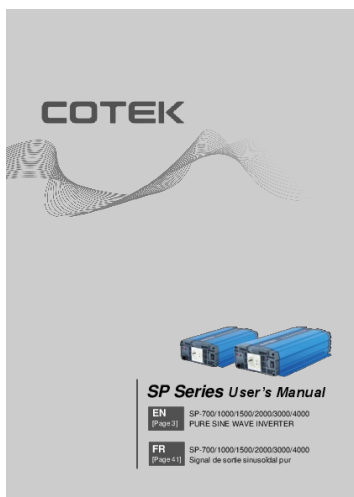
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yihan data 20210528165009 cotek tw product Pure Sine Wave Inverter SP1500 filemag 10000 1000 96
SP Series User s Manual EN SP-700/1000/1500/2000/3000/4000 Page 3 PURE SINE
WAVE INVERTER FR ... C EMC standards E-mark Dimension WxHxD Weight
Cooling SP-1000-212 12VDC 16.5 0.3VDC Model No. **SP-1000-224** 24VDC 33
0.5VDC SP-1000-248 48VDC 66 1.0VDC 10.5 0.3VDC 10.5-16.5 VDC 1.5A 12VDC ...
lang:en score:14 filesize: 3.51 M page_count: 79 document date: 2021-04-27



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

yihan data 20180705092059 cotek tw 80 product Pure Sine Wave Inverter SP4000 filemag 10000 1000
96
SP Series User s Manual EN SP-700/1000/1500/2000/3000/4000 Page 3 PURE SINE
WAVE INVERTER FR ... n WxHxD Weight Cooling AC Transfer Function Accessories
SP-1000-212 12VDC 16.5 0.3VDC Model No. **SP-1000-224** 24VDC 33 0.5VDC SP-
1000-248 48VDC 66 1.0VDC 10.5 0.3VDC 10.5-16.5 VDC 1.5A 12VDC ...
lang:en score:14 filesize: 3.76 M page_count: 77 document date: 2018-07-05



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

yihan cdn shopify s files 1 0565 0513 9390 COTEK Serie SP Manuel de l'utilisateur v 1624627082
Convertisseur 24v 220v Pur Sinus Sortie 1500 Watts max COTEK® LeROBUSTE Vous trouverez la
notice complète unité en cliquant sur le lien ci après |||
SP Series User s Manual EN SP-700/1000/1500/2000/3000/4000 Page 3 PURE SINE
WAVE INVERTER FR ... n WxHxD Weight Cooling AC Transfer Function Accessories
SP-1000-212 12VDC 16.5 0.3VDC Model No. **SP-1000-224** 24VDC 33 0.5VDC SP-
1000-248 48VDC 66 1.0VDC 10.5 0.3VDC 10.5-16.5 VDC 1.5A 12VDC ...
lang:en score:13 filesize: 3.55 M page_count: 79 document date: 2019-09-25

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SP1000 SPEC A7 0510 admin SP 1000 series cotek 1000w xx awimex se datablad |||

1000W Pure Sine Wave Inverter Features: Pure sine wave output Power ON / OFF
remote control Green T ... Dimension W x H x D Packing Cooling Application SP-
1000-112 SP-1000-124 SP-1000-148 SP-1000-212 **SP-1000-224** SP-1000-248 100 /
110 / 115 / 120VAC 5 1000VA 1750VA 1000VA-1150VA 100 -115 Pure ...
lang:en score:13 filesize: 1.37 M page_count: 2 document date: 2018-05-10

 1000W Pure Sine Wave Inverter SP-1000 Series						
■ Features: - Pure sine wave output - Power On (ON) remote control (Green Terminal) - Remote controller CR-1 (CR-1SA optional) - Input & Output Voltage Isolation - Temperature & Load controlled cooling fan - Built in electronic microprocessor to auto frequency interface - Output frequency 50/60 Hz, 5% tolerance by variable resistor - Output voltage 0V switch selectable - Adjustable outputting mode by variable resistor - Softer LED status indicators - Load protection: Reverse Polarity (PFC) / Over Voltage / Over Voltage - Output Protection: Short Circuit / Under Voltage / Over Temperature - ETL UL & FCC PCEC approved						
   						
	MODEL	SP-1000-12	SP-1000-14	SP-1000-16	SP-1000-22	SP-1000-24
Output	AC Output (V)	120V/230V	120V/230V	120V/230V	230V/240V	230V/240V
	Rated Power (W)	1000W	1000W	1000W	1000W	1000W
	Rated Power (VA) (W)	1000W	1000W	1000W	1000W	1000W
	Rated Power (VA) (VA)	1000W	1000W	1000W	1000W	1000W
	Output Voltage Regulation (V)	110V~120V/220V~230V	110V~120V/220V~230V	110V~120V/220V~230V	220V~240V	220V~240V
Input	Input Voltage (V)	12V/24V	12V/24V	12V/24V	24V	24V
	Input Voltage Regulation (%)	±1%	±1%	±1%	±1%	±1%
	Input Current (A)	83.33A/41.67A	83.33A/41.67A	83.33A/41.67A	41.67A	41.67A
	Efficiency (%)	85%	85%	85%	85%	85%
	Efficiency (%)	85%	85%	85%	85%	85%
Protection	Over Voltage Protection (V)	14.4V/28.8V	14.4V/28.8V	14.4V/28.8V	28.8V	28.8V
	Over Current Protection (A)	16.67A/8.33A	16.67A/8.33A	16.67A/8.33A	8.33A	8.33A
	Over Temperature Protection (°C)	120°C	120°C	120°C	120°C	120°C
	Over Voltage Protection (V)	14.4V/28.8V	14.4V/28.8V	14.4V/28.8V	28.8V	28.8V
	Over Current Protection (A)	16.67A/8.33A	16.67A/8.33A	16.67A/8.33A	8.33A	8.33A
Environment	Over Temperature	Input and output temperature less than 50°C, maximum ambient temperature less than 40°C				
	Altitude (m)	0~1000m (3280ft)				
	Operating Temp.	-20°C~+50°C (-4°F~+122°F)				
	Relative Humidity	20%~90%				
	Max Air Flow (L/min)	1000~1500				
Safety & EMC	EMC Standards	CE mark, FCC Class B				
	EMC Standards	CE mark, FCC Class B				
	EMC Standards	CE mark, FCC Class B				
	EMC Standards	CE mark, FCC Class B				
	EMC Standards	CE mark, FCC Class B				
Control Signal	Emergency Stop/Reset	Remote Controller CR-1 (CR-1SA optional) or Push Button				
	Emergency Stop/Reset	Remote Controller CR-1 (CR-1SA optional) or Push Button				
	Emergency Stop/Reset	Remote Controller CR-1 (CR-1SA optional) or Push Button				
	Emergency Stop/Reset	Remote Controller CR-1 (CR-1SA optional) or Push Button				
	Emergency Stop/Reset	Remote Controller CR-1 (CR-1SA optional) or Push Button				
Others	Applications	Home and office appliances, portable power, experiment, vehicle, yacht and all other power				
	Applications	Home and office appliances, portable power, experiment, vehicle, yacht and all other power				
	Applications	Home and office appliances, portable power, experiment, vehicle, yacht and all other power				
	Applications	Home and office appliances, portable power, experiment, vehicle, yacht and all other power				
	Applications	Home and office appliances, portable power, experiment, vehicle, yacht and all other power				

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SP1000 SPEC A9 210520 admin SP 1000 series data 20220919135807 cotek tw filemag 10000 23 |||

1000W Pure Sine Wave Inverter Features: Pure sine wave output Power ON / OFF
remote control Green T ... Dimension W x H x D Packing Cooling Application SP-
1000-112 SP-1000-124 SP-1000-148 SP-1000-212 **SP-1000-224** SP-1000-248 100 /
110 / 115 / 120VAC 5 1000VA 1150VA-1500VA 115 -150 1500VA-2000V...
lang:en score:13 filesize: 486.75 K page count: 2 document date: 2022-09-19

COTEK		1000W Pure Sine Wave Inverter	SP-1000 Series
Features: - Pure sine wave output - Power On/Off remote control (Over Terminal) - Remote controller CRK-1 CR-16A (optional) 90-120V AC input, 100V AC output - Temperature & Load controlled cooling fan - Built in intelligent protection to provide lifelike inutility - Output Voltage can be 10V, 20V, 30V, 40V, 50V, 60V, 70V, 80V, 90V, 100V, 110V, 120V, 130V, 140V, 150V, 160V, 170V, 180V, 190V, 200V, 210V, 220V, 230V, 240V, 250V, 260V, 270V, 280V, 290V, 300V, 310V, 320V, 330V, 340V, 350V, 360V, 370V, 380V, 390V, 400V, 410V, 420V, 430V, 440V, 450V, 460V, 470V, 480V, 490V, 500V, 510V, 520V, 530V, 540V, 550V, 560V, 570V, 580V, 590V, 600V, 610V, 620V, 630V, 640V, 650V, 660V, 670V, 680V, 690V, 700V, 710V, 720V, 730V, 740V, 750V, 760V, 770V, 780V, 790V, 800V, 810V, 820V, 830V, 840V, 850V, 860V, 870V, 880V, 890V, 900V, 910V, 920V, 930V, 940V, 950V, 960V, 970V, 980V, 990V, 1000V, 1010V, 1020V, 1030V, 1040V, 1050V, 1060V, 1070V, 1080V, 1090V, 1100V, 1110V, 1120V, 1130V, 1140V, 1150V, 1160V, 1170V, 1180V, 1190V, 1200V, 1210V, 1220V, 1230V, 1240V, 1250V, 1260V, 1270V, 1280V, 1290V, 1300V, 1310V, 1320V, 1330V, 1340V, 1350V, 1360V, 1370V, 1380V, 1390V, 1400V, 1410V, 1420V, 1430V, 1440V, 1450V, 1460V, 1470V, 1480V, 1490V, 1500V, 1510V, 1520V, 1530V, 1540V, 1550V, 1560V, 1570V, 1580V, 1590V, 1600V, 1610V, 1620V, 1630V, 1640V, 1650V, 1660V, 1670V, 1680V, 1690V, 1700V, 1710V, 1720V, 1730V, 1740V, 1750V, 1760V, 1770V, 1780V, 1790V, 1800V, 1810V, 1820V, 1830V, 1840V, 1850V, 1860V, 1870V, 1880V, 1890V, 1900V, 1910V, 1920V, 1930V, 1940V, 1950V, 1960V, 1970V, 1980V, 1990V, 2000V, 2010V, 2020V, 2030V, 2040V, 2050V, 2060V, 2070V, 2080V, 2090V, 2100V, 2110V, 2120V, 2130V, 2140V, 2150V, 2160V, 2170V, 2180V, 2190V, 2200V, 2210V, 2220V, 2230V, 2240V, 2250V, 2260V, 2270V, 2280V, 2290V, 2300V, 2310V, 2320V, 2330V, 2340V, 2350V, 2360V, 2370V, 2380V, 2390V, 2400V, 2410V, 2420V, 2430V, 2440V, 2450V, 2460V, 2470V, 2480V, 2490V, 2500V, 2510V, 2520V, 2530V, 2540V, 2550V, 2560V, 2570V, 2580V, 2590V, 2600V, 2610V, 2620V, 2630V, 2640V, 2650V, 2660V, 2670V, 2680V, 2690V, 2700V, 2710V, 2720V, 2730V, 2740V, 2750V, 2760V, 2770V, 2780V, 2790V, 2800V, 2810V, 2820V, 2830V, 2840V, 2850V, 2860V, 2870V, 2880V, 2890V, 2900V, 2910V, 2920V, 2930V, 2940V, 2950V, 2960V, 2970V, 2980V, 2990V, 3000V, 3010V, 3020V, 3030V, 3040V, 3050V, 3060V, 3070V, 3080V, 3090V, 3100V, 3110V, 3120V, 3130V, 3140V, 3150V, 3160V, 3170V, 3180V, 3190V, 3200V, 3210V, 3220V, 3230V, 3240V, 3250V, 3260V, 3270V, 3280V, 3290V, 3300V, 3310V, 3320V, 3330V, 3340V, 3350V, 3360V, 3370V, 3380V, 3390V, 3400V, 3410V, 3420V, 3430V, 3440V, 3450V, 3460V, 3470V, 3480V, 3490V, 3500V, 3510V, 3520V, 3530V, 3540V, 3550V, 3560V, 3570V, 3580V, 3590V, 3600V, 3610V, 3620V, 3630V, 3640V, 3650V, 3660V, 3670V, 3680V, 3690V, 3700V, 3710V, 3720V, 3730V, 3740V, 3750V, 3760V, 3770V, 3780V, 3790V, 3800V, 3810V, 3820V, 3830V, 3840V, 3850V, 3860V, 3870V, 3880V, 3890V, 3900V, 3910V, 3920V, 3930V, 3940V, 3950V, 3960V, 3970V, 3980V, 3990V, 4000V, 4010V, 4020V, 4030V, 4040V, 4050V, 4060V, 4070V, 4080V, 4090V, 4100V, 4110V, 4120V, 4130V, 4140V, 4150V, 4160V, 4170V, 4180V, 4190V, 4200V, 4210V, 4220V, 4230V, 4240V, 4250V, 4260V, 4270V, 4280V, 4290V, 4300V, 4310V, 4320V, 4330V, 4340V, 4350V, 4360V, 4370V, 4380V, 4390V, 4400V, 4410V, 4420V, 4430V, 4440V, 4450V, 4460V, 4470V, 4480V, 4490V, 4500V, 4510V, 4520V, 4530V, 4540V, 4550V, 4560V, 4570V, 4580V, 4590V, 4600V, 4610V, 4620V, 4630V, 4640V, 4650V, 4660V, 4670V, 4680V, 4690V, 4700V, 4710V, 4720V, 4730V, 4740V, 4750V, 4760V, 4770V, 4780V, 4790V, 4800V, 4810V, 4820V, 4830V, 4840V, 4850V, 4860V, 4870V, 4880V, 4890V, 4900V, 4910V, 4920V, 4930V, 4940V, 4950V, 4960V, 4970V, 4980V, 4990V, 5000V, 5010V, 5020V, 5030V, 5040V, 5050V, 5060V, 5070V, 5080V, 5090V, 5100V, 5110V, 5120V, 5130V, 5140V, 5150V, 5160V, 5170V, 5180V, 5190V, 5200V, 5210V, 5220V, 5230V, 5240V, 5250V, 5260V, 5270V, 5280V, 5290V, 5300V, 5310V, 5320V, 5330V, 5340V, 5350V, 5360V, 5370V, 5380V, 5390V, 5400V, 5410V, 5420V, 5430V, 5440V, 5450V, 5460V, 5470V, 5480V, 5490V, 5500V, 5510V, 5520V, 5530V, 5540V, 5550V, 5560V, 5570V, 5580V, 5590V, 5600V, 5610V, 5620V, 5630V, 5640V, 5650V, 5660V, 5670V, 5680V, 5690V, 57			

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SP1000 SPEC A7 0510 admin 148 Spec Sheet Cotek 1000W 48V Pure Sine Inverter DonRowe sp 1000
spec sheet donrowe v vsfiles |||

1000W Pure Sine Wave Inverter Features: Pure sine wave output Power ON / OFF
remote control Green T ... Dimension W x H x D Packing Cooling Application SP-
1000-112 SP-1000-124 SP-1000-148 SP-1000-212 **SP-1000-224** SP-1000-248 100 /
110 / 115 / 120VAC 5 1000VA 1750VA 1000VA-1150VA 100 -115 Pure ...
lang:en score:12 filesize: 1.08 M page count: 2 document date: 2018-05-10

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SP1000 SPEC A8 201029 admin 1000W Pure Sine Wave Inverter SP 1000 series Mechanical Drawings

2 0 7 8 83 3 27 1 6 9 68 196 72 4 5 28 Power Temperature Curve data 20210528170024 cotek tw filemag

10000 23 |||

1000W Pure Sine Wave Inverter Features: Pure sine wave output Power ON / OFF

remote control Green T ... Dimension W x H x D Packing Cooling Application SP-

1000-112 SP-1000-124 SP-1000-148 SP-1000-212 **SP-1000-224** SP-1000-248 100 /

110 / 115 / 120VAC 5 1000VA 1750VA 1000VA-1150VA 100 -115 Pure ...

lang:en score:10 filesize: 116.37 K page count: 2 document date: 2020-10-29