

pecron E1000LFP

pecron E1000LFP Portable Power Station User Manual

Model: **E1000LFP** | Brand: **pecron**

1. INTRODUCTION

The pecron E1000LFP is a portable power station designed to provide reliable power for various applications, including emergencies, camping, RV trips, and home use. It features a 1024Wh LiFePO4 battery and delivers up to 1800W of output power. This manual provides essential information for the safe and efficient operation of your E1000LFP power station.

2. SAFETY INFORMATION

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or injury.
- Do not expose the unit to fire or high temperatures.
- Do not use or store the unit in direct sunlight, near heat sources, or in high-temperature environments.
- Keep the unit dry and away from water or other liquids.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children and pets.
- Use only approved accessories and charging cables.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- pecron E1000 LFP Power Station (x1)
- Trolley (x1)
- AC Charging Cable (x1)

- Solar Charging Cable (x1)
- Car Charging Cable (x1)
- Accessory Bag (x1)
- User Manual (x1)

4. PRODUCT OVERVIEW

The pecron E1000LFP is equipped with multiple output ports and a clear display for monitoring status.



Image 1: The pecron E1000LFP Portable Power Station shown with its included trolley for easy transport.

4.1 Output Options

The E1000LFP provides 12 output options to power a wide range of devices:

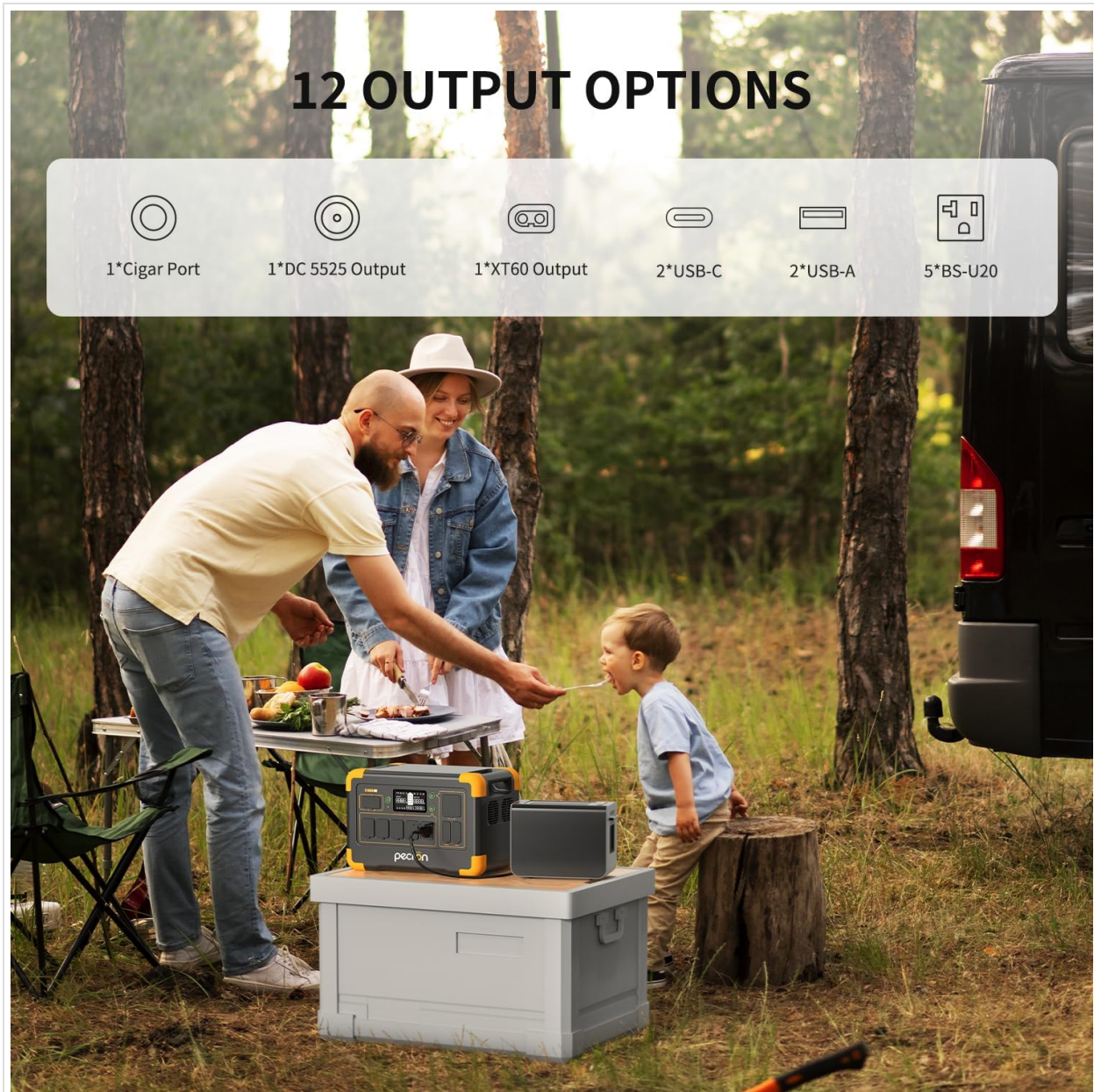


Image 2: A detailed view of the pecron E1000LFP's control panel, highlighting the 12 available output ports including AC, USB-C, USB-A, XT60, Cigar Port, and DC 5525.

- 5x AC Outlets
- 2x USB-C Ports
- 2x USB-A Ports
- 1x XT60 Output
- 1x Cigar Port
- 1x DC 5525 Output

5. SETUP

5.1 Initial Charging

Before first use, it is recommended to fully charge the pecron E1000LFP. Use the provided AC charging cable to connect the power station to a wall outlet. The unit can reach a full charge in approximately 1.3 hours.

5.2 Trolley Assembly

Attach the trolley to the power station according to the instructions provided in the separate trolley assembly guide. Ensure all connections are secure before transporting the unit.

6. OPERATING INSTRUCTIONS

6.1 Charging the Power Station

The E1000LFP supports multiple charging methods:

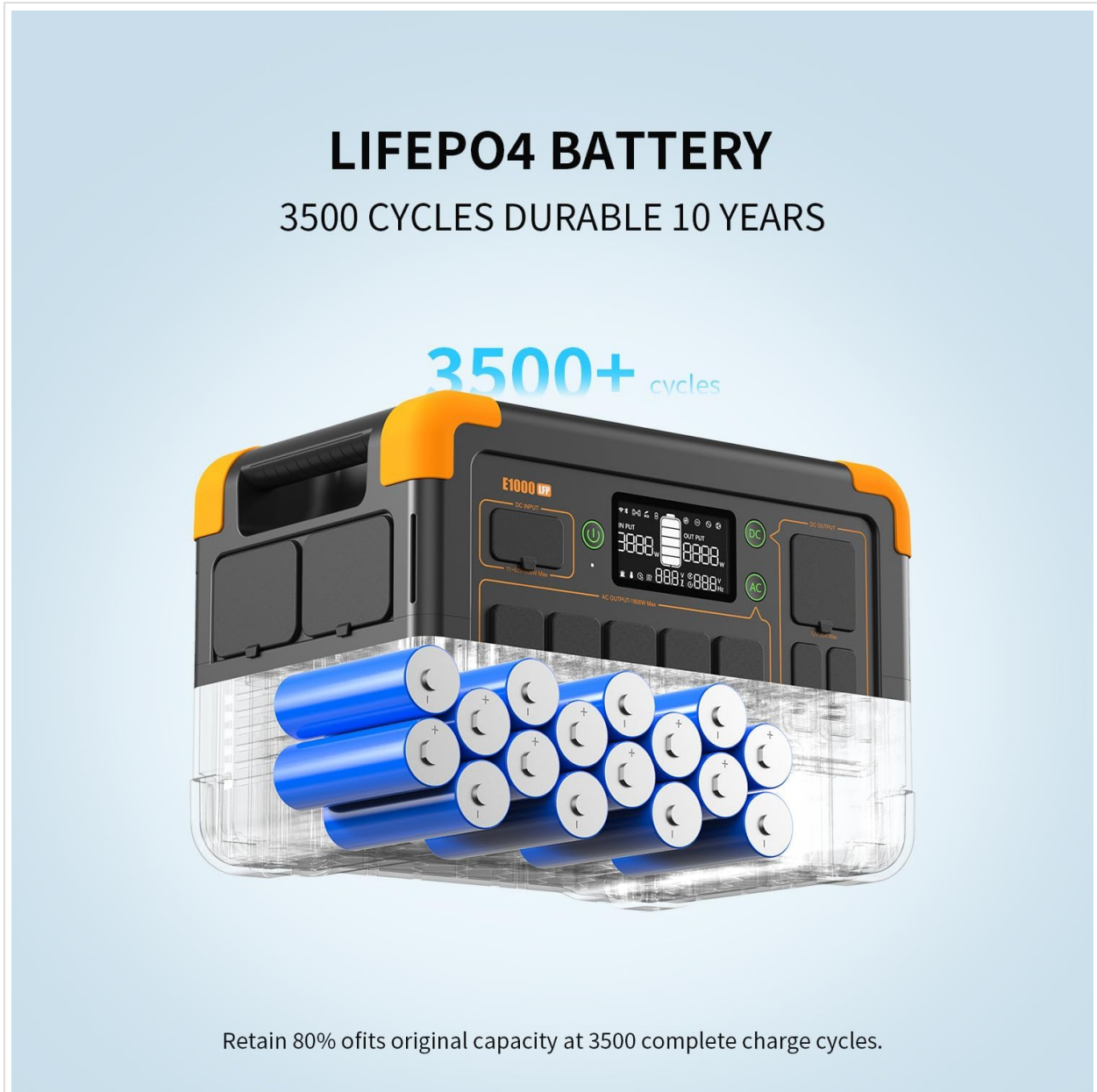


Image 3: The pecron E1000LFP demonstrating various charging methods: AC fast charge, solar panel charging, and car charging.

- **AC Fast Charge:** Connect the AC charging cable to a standard wall outlet. The unit can be fully charged in approximately 1.3 hours.
- **Solar Charging:** Connect compatible solar panels (e.g., 200W solar panel) using the provided solar charging cable. Charging time is approximately 8 hours with a 200W panel.
- **Car Charging:** Use the car charging cable to charge from a 12V car outlet (approx. 12 hours) or a PECRON 500W car charger (approx. 2.5 hours).

6.2 Using Output Ports

To use an output port, ensure the power station is turned on. Connect your device to the appropriate port. For AC outlets, you may need to activate the AC output function on the unit's display or via the mobile app.

6.3 Smart App Control

The pecron E1000LFP can be controlled and monitored via a dedicated mobile application. Download the app from your device's app store.



Image 4: A smartphone screen showing the pecron E1000LFP's smart app interface, which allows for remote monitoring and control of the power station.

The app allows you to:

- Customize charging power settings.
- View real-time input and output power.
- Check current battery levels.
- Remotely switch DC/AC outputs on or off.

6.4 UPS Function

The E1000LFP features an Uninterruptible Power Supply (UPS) function, providing a seamless power transition within 8-20 milliseconds in case of a power outage. This ensures connected devices remain powered without interruption.

6.5 Battery Heating for Cold Environments

When charging in temperatures between -20°C and 0°C , the E1000LFP automatically activates an electric heating module. This module warms the battery to above 0°C , ensuring safe and efficient charging in cold conditions.



Image 5: An illustration showing the internal battery heating mechanism of the E1000LFP, which activates in cold temperatures to facilitate charging.

7. MAINTENANCE

7.1 Battery Care

The E1000LFP uses a LiFePO_4 battery, known for its durability and long lifespan. It is designed to retain 80% of its original capacity after 3500 complete charge cycles, which translates to approximately 10 years of use.

MULIPLE CHARGING WAY



Image 6: An illustration depicting the internal LiFePO4 battery cells of the pecron E1000LFP, highlighting its 3500+ cycle lifespan.

To maximize battery life:

- Avoid fully discharging the battery frequently.
- Store the unit in a cool, dry place, ideally between 0°C and 40°C (32°F and 104°F).
- If storing for extended periods, charge the unit to approximately 50-80% every 3-6 months.

7.2 General Care

- Clean the exterior with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Keep ventilation openings clear of dust and debris.

8. TROUBLESHOOTING

If you encounter issues with your pecron E1000LFP, refer to the following common problems and solutions:

- **Unit Not Turning On:** Ensure the battery is charged. If the battery is depleted, connect the unit to an AC power source for charging.
- **No Output from Ports:** Verify that the specific output (AC/DC) is activated on the unit's display or via

the app. Check if the device connected requires more power than the port can supply.

- **Faint Beeping Noise / Alarm Bell Icon Blinking:**This typically indicates an error. Common errors include:
 - **Inverter Output Overload:** The connected devices are drawing more power than the inverter can provide (1800W). Disconnect some devices to reduce the load.
 - **Power Pack Over Voltage:** This indicates an issue with the input voltage. Ensure the charging source is within the specified voltage range.

Consult the mobile app for specific error messages and further guidance.

- **Slow Charging:** Ensure you are using the correct charging cable and power source. For solar charging, ensure panels are in direct sunlight and free from obstructions.
- **Unit Overheating:** Ensure the unit's ventilation openings are not blocked. Move the unit to a cooler environment if necessary.

If the problem persists, contact customer service for assistance.

9. SPECIFICATIONS

Feature	Specification
Model Name	E1000LFP
Battery Type	LiFePO4
Capacity	1024Wh
AC Output Wattage	1800W (Running), 1800W (Starting), 1800W (Maximum)
Voltage	120 Volts
Total Power Outlets	12 (5x AC, 2x USB-C, 2x USB-A, 1x XT60, 1x Cigar Port, 1x DC 5525)
Fast Charging Time (AC)	1.3 hours
Expandable Capacity	Up to 4096Wh
UPS Function	8-20ms Fast Switching
Special Features	Portable, Fast Charging, Large Capacity, Long Last, Safety, Smart Control, UPS, Battery Heating
Item Weight	29 Pounds
Product Dimensions	14.9"L x 9.4"W x 10"H

10. WARRANTY AND SUPPORT

The pecron E1000LFP Portable Power Station comes with a**2+1 years worry-free warranty**. For any inquiries, technical assistance, or warranty claims, please contact pecron customer service. They offer **24 hours/7 days friendly customer service** to assist you.

Related Documents - E1000LFP

	PECRON E1500 LFP Portable Power Station User Manual Comprehensive user manual for the PECRON E1500 LFP portable power station, covering specifications, functions, operation, safety guidelines, and troubleshooting.
	PECRON E2400 LFP Portable Power Station User Manual Comprehensive user manual for the PECRON E2400 LFP portable power station, detailing its features, specifications, operation, solar charging capabilities, FAQs, and important safety guidelines.
	PECRON E600 LFP Portable Power Station User Manual User manual for the PECRON E600 LFP portable power station. This guide details the product's features, specifications, operation, charging methods (AC, DC, Solar), solar panel compatibility, frequently asked questions, important warnings, and disposal instructions. Essential reading for users of this 614Wh LiFePO4 power station with 1200W AC output and 100W USB-C PD.
	PECRON E300 LFP Portable Power Station User Manual User manual for the PECRON E300 LFP portable power station, covering specifications, operation, charging, safety, and FAQs for this 288Wh LiFePO4 battery device.
	Pecron E600 LFP Portable Power Station User Manual Comprehensive user manual for the Pecron E600 LFP portable power station, detailing specifications, functions, charging methods, FAQs, warnings, and disposal information.
	PECRON F3000 LFP Portable Power Station User Manual Comprehensive user manual for the PECRON F3000 LFP portable power station. Learn about its specifications, operating instructions, charging methods, UPS function, app connectivity, fault resolution, and maintenance.

Documents - pecron – E1000LFP

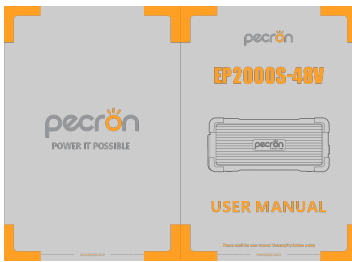


[pdf] User Manual Specifications
PECRON E1000LFP user manual 100V~120V 20240627 User Manual 100V 120V 78dd98dc d262 4c68 8274 205c0e44987d v 1731987961 cdn shopify s files 1 0509 5263 4556 |||
E1000 E1000 DC INPUT 8A 20A 11-60V-600W Max AC OUTPUT-1800W Max DC AC DC OUTPUT 10A 20A 5A 12V 20A Max 100W*2 18W*2 USER MANUAL Please read the user manual thoroughly before using support pecron.com FUNCTION INTRODUCTION E1000 DC INPUT 8A 20A 11-60V-600W Max AC OUTPUT-1800W Max ...
lang:en score:36 filesize: 8.37 M page_count: 15 document date: 2024-09-24

[\[pdf\]](#) User Manual Specifications Guide

PECRON EP2000S 48V 20241015 pecron 48V user manualDownload pecronPECRONEP2000S 48V20241015pecron cn web userfiles PECRONEP2000S 48V20241015 EP2000S 48V — pecron manualEP2000S Download pecronpecron pecronProduct Description Pecron euPECRON 48Vpecron 48V20241015cdn shopify s files 1 0626 0241 2120 v 1750728413 ||| ||| POWER IT POSSIBLE www.pecron.com EP2000S-48V EP2000S-48V 2304Wh USER MANUAL Please read the user manual thoroughly before using www.pecron.com USER MANUAL English P01-P10 BENUTZERHANDBUCH Deutsch P11-P20 GUA DEL USUARIO Espool P21-P30 GUIDE POWER IT POSSIBLE www.pecron.com EP2000S-48V EP2000S-48V 2304Wh USER MANUAL Please read the user ma ... Battery SN showed as Picture 10 . Picture 10 Above main power stations refer to E1500LFP/E3600LFP/**E1000LFP** and ect. HOW TO INSERT AND REMOVE THE CASCADE CABLE 25 50 75 100 21 34 5 21 34 5 EX...

lang:en score:35 filesize: 18.38 M page_count: 28 document date: 2024-12-03



[\[pdf\]](#) User Manual Specifications Guide

USER MANUALPecron E1000LFP Portable Power Station 1800W 1024WhPECRON User Manualcdn shopify s files 1 0559 4084 1607 PECRON Manual v 1753151960 ||| E1000 E1000 DC INPUT 8A 20A 11-60V-600W Max AC OUTPUT-1800W Max DC AC DC OUTPUT 10A 20A 5A 12V 20A Max 100W*2 18W*2 USER MANUAL Please read the user manual thoroughly before using de pecron.com USER MANUAL English P01-P08 BENUTZERHANDBUCH Deutsch P09-P16 GUA DEL USUARIO Espool ...

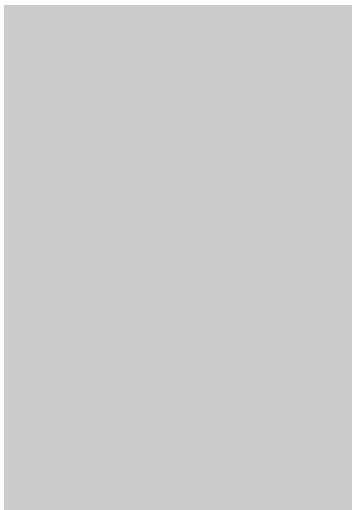
lang:en score:35 filesize: 8.23 M page_count: 10 document date: 2025-07-22



[\[pdf\]](#) User Manual Specifications Guide

PECRON EP3000S 48V 20240705 pecron 48V user manual Download PECRONEP3000S48V20240705222 cn web userfiles ||| EP3000S-48V EP3000S-48V 3072Wh USER MANUAL Please read the user manual thoroughly before using USE ... Battery SN showed as Picture 10 . Picture 10 Above main power stations refer to E1500LFP/E3600LFP/**E1000LFP** and ect. HOW TO INSERT AND REMOVE THE CASCADE CABLE 25 50 75 100 21 34 5 21 34 5 EX...

lang:en score:34 filesize: 10.33 M page_count: 33 document date: 2024-07-05

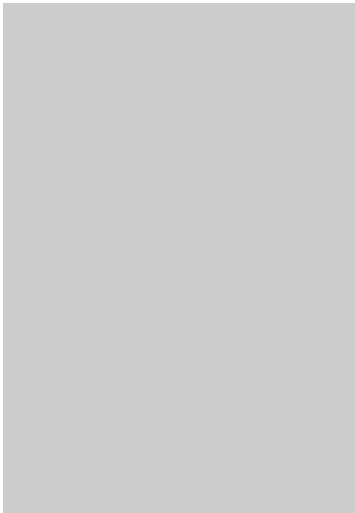


[\[pdf\]](#) User Manual Specifications

PECRON E1000LFP user manual 100V~120V 20240627 User ManualPECRON Portable Power Station 1800W 1024WhPECRON 100V 120V 78dd98dc d262 4c68 8274 205c0e44987dcdn shopify s files 1 0669 5924 5593 205c0e44987d v 1758251318 ||| E1000 E1000 DC INPUT 8A 20A 11-60V-600W Max AC OUTPUT-1800W Max DC AC DC OUTPUT 10A 20A 5A 12V 20A Max 100W*2 18W*2 USER MANUAL Please read the user manual thoroughly before using support pecron.com FUNCTION INTRODUCTION E1000 DC INPUT 8A 20A 11-60V-600W Max AC OU...

lang:en score:32 filesize: 8.37 M page_count: 15 document date: 2024-09-24





[\[pdf\]](#) User Manual Specifications Guide

PECRON EP3000S 48V 20240705 pecron 48V user manualDownload
pecronPECRONEP3000S48V20240705222pecron cn web userfiles PECRONEP3000S48V20240705222
|||
EP3000S-48V EP3000S-48V 3072Wh USER MANUAL Please read the user manual
thoroughly before using USE ... Battery SN showed as Picture 10 . Picture 10 Above
main power stations refer to E1500LFP/E3600LFP/**E1000LFP** and ect. HOW TO
INSERT AND REMOVE THE CASCADE CABLE 25 50 75 100 21 34 5 21 34 5 EX...
lang:en score:25 filesize: 10.33 M page_count: 33 document date: 2024-07-05



[\[pdf\]](#) User Manual Specifications Guide

PECRON EP2000S 48V 20241015 EP2000S 48V — 48V PECRONEP2000S
48V20241015 pecron cn web userfiles |||
POWER IT POSSIBLE www.pecron.com EP2000S-48V EP2000S-48V 2304Wh
USER MANUAL Please read the user ma ... Battery SN showed as Picture 10 .
Picture 10 Above main power stations refer to E1500LFP/E3600LFP/**E1000LFP** and
ect. HOW TO INSERT AND REMOVE THE CASCADE CABLE 25 50 75 100 21 34 5
21 34 5 EX...
lang:en score:22 filesize: 18.38 M page_count: 28 document date: 2024-12-03



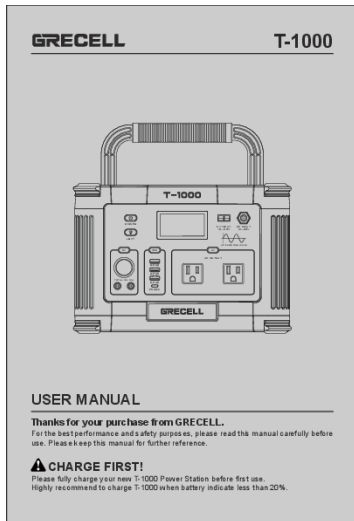
[\[pdf\]](#) User Manual

PECRON E1000LFP user manual 100V~120V 20240627 2 User pecron E1000LFPUser
E1000LFPpecron Portable Power Station 1024Wh LiFePO4 Battery Backup 1800W Solar Generator
Expandable to 4096Wh Fast Charging
E1000LFP Af53947f1b2ac4b77912e4bcc40200f92f Af53947f1b2ac4b77912e4bcc40200f92fae01 alicdn kf
Af53947f1b2ac4b77912e4bcc40200f92fae01 Af53947f1b2ac4b77912e4bcc40200f92f |||
...
lang:en score:21 filesize: 9.38 M page_count: 15 document date: 2025-04-18



[\[pdf\]](#)

PECRON E1000LFP 3C 20250103 E1000LFP PECRONE1000LFP20250103 282
29pecron cn web userfiles productfile PECRONE1000LFP20250103 29 E1000LFP E1000LFP
E1000LFP 29PECRONE1000LFP20250103 PECRONPECRONE1000LFP20250103
DownloasE1000LFP PECRONE1000LFP ||| ||| E1000 E1000 DC 8A 20A 11-60V-600W AC -1800W DC
AC DC 10A 20A 5A 12V 20A 100W*2 18W*2 www.pecron.cn E1000 DC 8A 20A 11-60V-600W AC -
1800W DC AC DC 10A 20A 5A 12V 20A 100W*2 18W*2 20 AC 220-240V 9A 21 34 5 LCD DC 11V-60V
DC AC 220V-240V DC 12 ||| E1000 E1000 DC 8A 20A 11-60V-600W AC -1800W DC AC DC 10A 20A 5A
12V 20A 100W*2 18W*2 www.pecron.cn E1000 DC 8A 20A 11-60V-600W AC -1800W DC AC DC 10A
20A 5A 12V 20A 100W*2 18W*2 20 AC 220-240V 9A 21 34 5 LCD DC 11V-60V DC AC 220V-240V DC
12 ||| E1000 E1000 DC 8A 20A 11-60V-600W AC -1800W DC AC DC 10A 20A 5A 12V 20A 100W*2
18W*2 www.pecron.cn E1000 DC 8A 20A 11-60V-600W AC -1800W DC AC DC 10A 20A 5A 12V 20A
100W*2 18W*2 20 AC 220-240V 9A 21 34 5 LCD DC 11V-60V DC AC 220V-240V DC 12
E1000 E1000 DC 8A 20A 11-60V-600W AC -1800W DC AC DC 10A 20A 5A 12V 20A
100W*2 18W*2 www.pecron.cn E1000 DC 8A 20A 11-60V-600W AC -1800W DC AC
DC 10A 20A 5A 12V 20A 100W*2 18W*2 20 AC 220-240V 9A 21 34 5 LCD DC 11V-
60V DC AC 220...
lang:i-klnglon score:19 filesize: 8.74 M page_count: 16 document date: 2025-01-06



[\[pdf\]](#) User Manual Accessories

GR SE0003 DYCNCB0001AGE MXJP 1000W T1000 ManualComparison Greccell vs Oupes Exodus

1200 Pecron E1000LFP VTOMAN FlashSpeed 1000 Solar Waypointcdn shopify s files 1 0284 7306 5544
v 1739866351 |||

T-1000 POWER LIGHT DC USB TOTAL 12V 10A QC 3.0 QC 3.0 QC 3.0 PD 60W PV
INPUT 12-26V DC INPUT 12-26V AC PURE SINE WAVE AC AC OUTPUT USER
MANUAL Thanks for your purchase from GRECELL. For the best performance and
safety purposes, please read this manual carefully before use. Please keep this...
lang:en **score:12** filesize: 1.3 M page_count: 26 document date: 2025-01-16