

Portable power station **APS500K**

ANNOVA

User instructions and manual



EN

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CE



Anova would like to congratulate you on choosing one of our products and guarantees the assistance and cooperation that have always distinguished our brand over time.

This power station is designed to provide many years of useful service when used in accordance with the instructions in this manual. We recommend that you read all instructions carefully and follow the recommendations on safety, charging, use, maintenance and storage.

For further information or questions, please contact us through our online support channels, such as www.anova.es.

INFORMATION ABOUT THIS MANUAL

Pay attention to the information provided in this manual and on the appliance for your safety and the safety of others.

This manual contains instructions for use, charging, maintenance, storage and disposal.

Keep the manual with the product and hand it over if the product is loaned or resold.

The contents are correct at the time of printing. The right to make changes is reserved without affecting legal responsibilities.

Request a new manual from your distributor if it is lost or damaged.

READ THIS MANUAL CAREFULLY BEFORE USING THE PRODUCT

For best performance, read the operating and safety rules before using the power station.

OTHER WARNINGS

- Incorrect use may damage the product, connected devices or other property.
- Adaptation of the product to new technical requirements may result in differences between this manual and the product purchased.
- Failure to follow the instructions may result in serious injury, fire, electric shock or battery damage.

CONTENTS

1. SAFETY INSTRUCTIONS	4
2. PRODUCT DESCRIPTION	6
3. TECHNICAL SPECIFICATIONS	7
4. PREPARATION AND COMMISSIONING	9
5. OPERATING INSTRUCTIONS	10
6. TROUBLESHOOTING	12
7. MAINTENANCE	14
8. WARRANTY	15
9. ENVIRONMENT	16
10. EXPLODED VIEW	17
11. CE CERTIFICATE	18

1. SAFETY INSTRUCTIONS

Read and understand all instructions before using the APS500K portable power station. Failure to follow the instructions may result in serious injury or property damage.



IMPORTANT Fully charge the station as soon as possible after receiving it. Transport and storage time may reduce the charge or leave the battery in sleep mode. Connect it to a wall outlet for 10 minutes to reactivate the battery. If charging does not start, contact technical service.



NOTE When the AC output is activated, the display may show a small power draw even when no equipment is connected. The supplier identifies this behaviour as no-load discharge. Switch off outputs when they are not in use.

INITIAL CHARGE

- Fully charge the power station as soon as possible after receiving it.
- Transport and storage may reduce the battery charge or leave it in sleep mode.
- Connect the power station to a wall outlet for approximately 10 minutes to reactivate the battery if necessary.
- If the unit does not start charging after this time, contact technical service.

OPERATING NOTE

When the AC button is activated, the display may show power consumption before any equipment is connected to the power station. This is a normal response caused by no-load discharge. It is recommended to switch off the outputs when they are not in use.

GENERAL GUIDANCE

- Damage caused by incorrect use of the power station is not covered by the warranty.
- Use the equipment responsibly and always keep the power station in a safe, dry and well-ventilated environment.
- Keep this manual with the product.

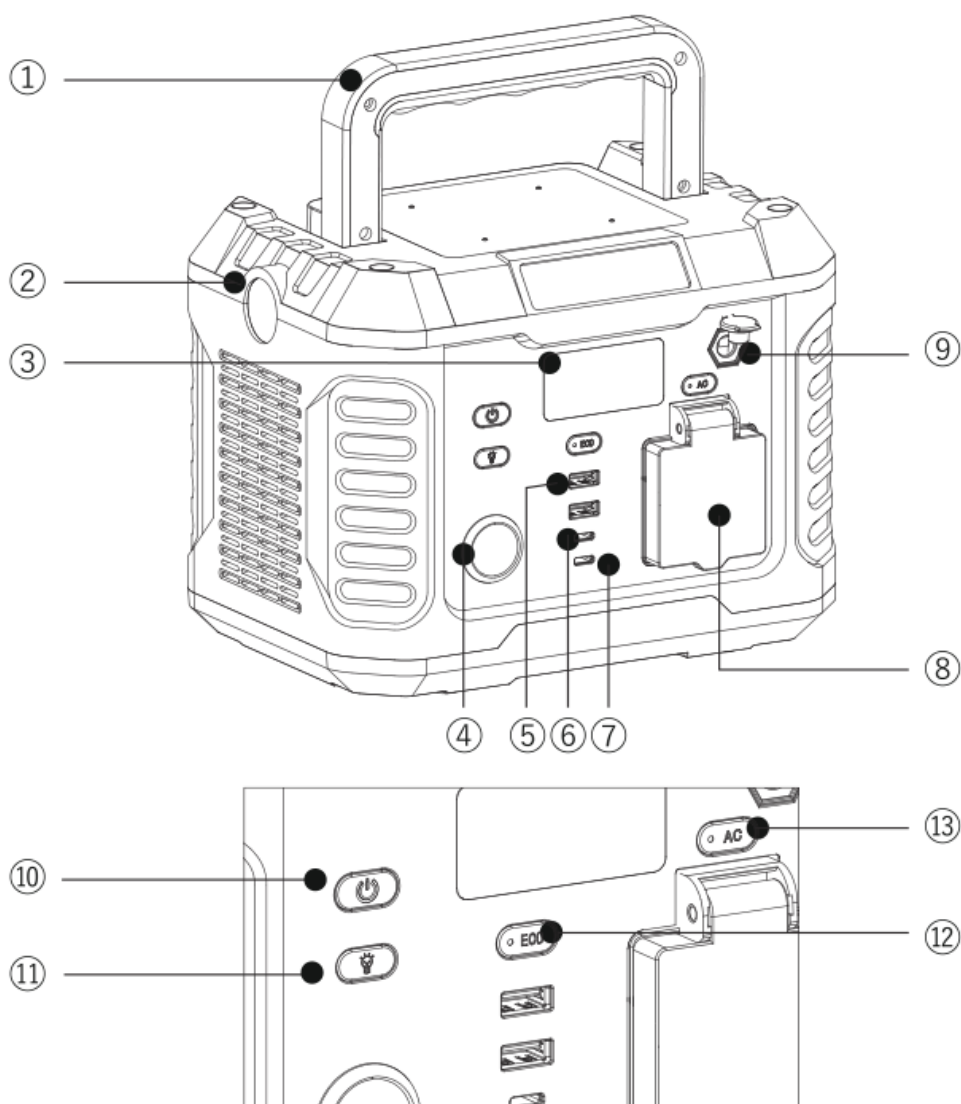
1.1. WARNINGS AND PRECAUTIONS

- Do not use the power station above its rated output power.
- Do not use the power station or wall adapter if they are damaged or modified.
- Do not subject the product to strong vibrations, impacts or falls.
- Do not expose the power station to moisture, rain or snow.
- Do not charge, use or store it in bathrooms or areas exposed to water.
- Do not leave the power station within reach of children or persons without adequate supervision.
- Do not attempt to repair the power station or the wall power adapter.
- Do not handle the equipment with wet hands.
- Do not place the power station on its side or upside down during use or storage.
- If you notice an unusual odour, overheating, corrosion or any other abnormal condition, stop using the product and contact technical service.
- Keep the power station away from high-voltage electric fields.
- Risk of fire and burns: do not open, crush, incinerate or heat the battery above 40 °C.
- Use only accessories, cables and chargers recommended for this product.
- Keep the power station away from pets.

TRANSPORT AND USE

- The product complies with the legal requirements for transporting dangerous goods; it is not permitted on aircraft.
- To preserve battery service life, use and recharge it at least once every three months.
- Do not disassemble the equipment.
- Use original or certified chargers and cables.
- It is not waterproof; do not expose it to liquids.
- Avoid extreme temperatures.
- Dispose of batteries and electronic equipment in accordance with local regulations.

2. PRODUCT DESCRIPTION



MAIN COMPONENTS

Handle

LCD display

5. USB-A port

USB-C port (2)

9. DC input

11. Flashlight button

13. AC outlet activation button

Flashlight

Cigarette-lighter output

USB-C port (1)

8. AC outlet

Main ON/OFF button

12. ECO function button

3. TECHNICAL SPECIFICATIONS

Group	Characteristic	Value
Product	Commercial model	APS500K
Battery	Type	Lithium battery
Battery	Capacity	346 Wh (22.2 V; 15.6 Ah)
Assembly	Dimensions	230 x 168 x 178 mm
Assembly	Approximate weight	4.2 kg
Temperature	Charging	0 a 40 °C
Temperature	Discharging	-10 a 40 °C
Input	DC	12–28 V, 100 W max.
Input	USB-C (2)	5–20 V, 100 W max.
Output	Alternating current	1 x 500 W, 1000 W peak
Output	Cigarette-lighter type	1 x 12 V / 10 A
Output	USB-A	2 x 5 V/3 A; 9 V/2 A; 12 V/1.5 A; 36 W max. total
Output	USB-C (1)	1 x 5 V/3 A; 9 V/3 A; 12 V/3 A; 15 V/3 A; 20 V/3 A; 60 W max.
Output	USB-C (2)	1 x 5 V/3 A; 9 V/3 A; 12 V/3 A; 15 V/3 A; 20 V/5 A; 100 W max.
Lighting	Flashlight / SOS	1 x 1 W

INCLUDED ACCESSORIES

- User manual.
- Adapter with cable.

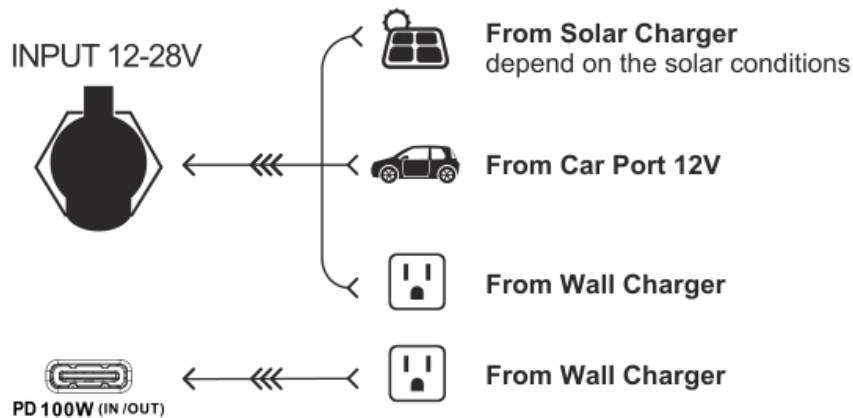
NOTICE: Check the input charging cable. The ports will provide the best performance when the charging cable meets the specified requirements. Charge the power station only with the supplied USB-C adapter and USB-C cable.

3.1. AC OUTLET TYPES BY COUNTRY

Power stations may be fitted with different AC outlet types depending on the destination country. Refer to the following table.

Country	Voltage/Frequency		Country	Voltage/Frequency	
America	120 V, 60 Hz		Japan	100 V, 50/60 Hz	
Australia	240 V, 50 Hz		Korea	220 V, 60 Hz	
Brazil	127 V, 60 Hz		Philippines	220 V, 60 Hz	
Chile	220 V, 50 Hz		Switzerland	230 V, 50 Hz	
China	220 V, 50 Hz		South Africa	220 V, 50 Hz	
France	230 V, 50 Hz		United Kingdom	230 V, 50 Hz	
Germany	230 V, 50 Hz		Universal	—	
Israel	220 V, 50 Hz		Vietnam	220 V, 50 Hz	

4. PREPARATION AND COMMISSIONING



RECOMMEND TO DISCONNECT THE POWER STATION WHEN IT FULLY CHARGED.

CHARGING METHODS

- The power station can be charged using a solar charger (depending on solar radiation conditions), a 12 V vehicle outlet, a wall charger and a 100 W USB-C PD port.
- It is recommended to disconnect the power station when it is fully charged.

POWERING AND CHARGING DEVICES

- Select the required output type by pressing the DC (DC/USB outputs), AC or ECO button. The ports will not operate until the corresponding button is activated.
- When an output is active, the button indicator lights green and the LCD screen displays the output power.
- Press the corresponding ON/OFF button to switch off the output when it is not in use.
- The battery management system allows devices to be powered through the DC, USB and AC outputs while the power station is charging (pass-through charging).
- If an overload occurs at the outputs, the power station automatically disables the affected output. The LCD indicator remains lit.

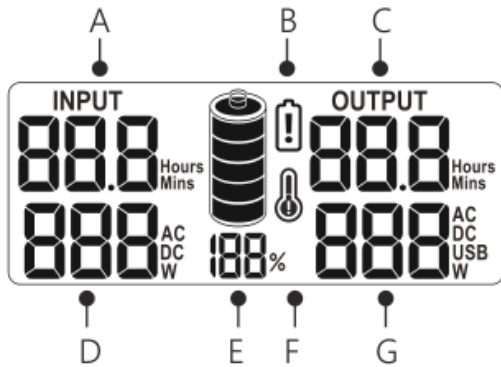
During charging, the LCD screen displays the battery level. The power station is fully charged when it shows 100%. A full charge is recommended approximately every three months to maintain battery health.

5. OPERATING INSTRUCTIONS

FUNCTION BUTTONS

 Main ON/OFF button Acts as the main switch. Press it to activate the DC, AC and ECO controls.	 11. Flashlight button Press once to switch on the flashlight and press again to switch it off. Press and hold for more than 2 seconds to activate SOS mode.
 ECO button ECO mode is activated by default. If the outputs are not used, the power station switches off automatically after 1 hour to save energy. Press ECO to disable the function.	 AC output button The AC outlet will not operate until you press the AC output button to activate it.

5.1. LCD SCREEN



- A:** Remaining Charging Time
- B:** Low Voltage Warning
- C:** Remaining Usage Time
- D:** Input Power
- E:** Battery Level
- F:** Temperature Warning
- G:** Output Power

Code	Description	Meaning
A	Remaining charging time	Estimated hours and minutes required to complete charging.
B	Low-voltage warning	Indicates that the station must be recharged.
C	Remaining operating time	Estimated operating time based on the current charge.
D	Input power	Input power expressed in watts.
E	Battery level	Displays the charge as a percentage and bars.
F	Temperature warning	The battery is outside the operating temperature range.
G	Output power	Total power supplied by the active outputs.

The battery level is displayed as a percentage and charge bars. This value may vary when the consumption of connected equipment changes. Recharge the power station when the battery level is below 20%. If the temperature warning lights up, the input and output functions stop until the battery returns to the operating range.

6. TROUBLESHOOTING

WARNING CODES

Indicator	Symptom	Solution
E06	AC output deactivated	Press the main ON/OFF button to reset.
E31	DC output overload protection	Press the main ON/OFF button to reset.
E07 / E08 / E09 / E10	Output overload protection	Make sure that the connected equipment operates within the rated power and press the corresponding button to resume operation.

NOTICE: If none of these solutions works or a code other than those listed appears, stop using the power station, note the displayed code and contact technical service for further instructions.

6.1. COMMON PROBLEMS

Problem	Possible solution	Notes
No charging	Check that the adapter cable is fully inserted into the DC input and the wall outlet.	Check whether the problem is caused by the connection.
No charging	Check whether the adapter indicator lights correctly. If the indicator remains off, contact technical service.	If the adapter light does not come on, request technical assistance.
No output	Make sure that the DC/USB/AC outputs are activated using the corresponding button.	Once the output is activated, the output power will be shown on the LCD screen.
No output	Check that the cables of the connected equipment are correctly inserted and confirm the battery level.	A low battery may affect the outputs.
No output	Check the LCD screen for an overload condition.	An overload automatically disables the output.
Sudden interruption during use	Check that the power of the connected device does not exceed the rated power of the power station.	Connect only equipment within the specified limits.
Sudden interruption during use	If the power demand remains very low for several hours, the power station may switch off automatically. Press ON/OFF to restart it.	ECO mode may switch off the power station to save energy. Disable it if you do not want this function.
Sudden interruption during use	If overcurrent, temperature or overload protection is activated, wait until the power station returns to normal conditions and press ON/OFF.	The power station incorporates several protection systems to ensure safe use.

If you experience any other problem not described above, contact technical service.

7. MAINTENANCE

6.1. General maintenance

- Recharge the power station when necessary. Avoid fully discharging the battery to 0%, as this may affect the quality and service life of the battery.
- Periodically inspect all ports and chargers for dirt, damage or corrosion.
- Do not cover the power station with towels, clothing or other objects, and keep the side vents free of dust and dirt.

6.2. Cleaning

- Disconnect the power station from all input sources and all connected devices.
- Use a clean, dry, soft and lint-free cloth to clean the casing.
- Do not use abrasive cleaners, solvents or compressed air. Do not use metal objects to clean the ports.

6.3. Storage

- If the power station is to be stored for more than 1 month, fully charge it before storage and recharge it approximately every 3 months.
- Store indoors in a cool place with moderate humidity and away from direct sunlight.
- Do not leave it in vehicles or enclosed spaces exposed to high temperatures. Extremely low temperatures may also impair performance and service life.

7.4. Disposal and recycling

- Do not dispose of the power station or its accessories with household waste. Take the battery and electronic components to authorised collection points in accordance with local regulations.

8. WARRANTY

If your product has a manufacturing defect during the established warranty period, contact your point of sale directly and provide the required documentation.

Keep the invoice as proof of the purchase date. The product must be returned to the distributor in an acceptable and clean condition, together with the corresponding proof of purchase.

8.1. Warranty period

The statutory warranty period begins on the original date of purchase by the first purchaser and lasts for the period established by the applicable regulations at the time of purchase.

8.2. Exclusions

- Natural wear from use.
- Misuse, negligence, careless operation or lack of maintenance.
- Work carried out by unauthorised personnel or use of non-original spare parts.
- Damage resulting from accidents, alterations, overload or use outside the specifications.
- Use of unsuitable chargers, cables, accessories or power supplies.
- Damage caused by water, chemicals, impacts, extreme temperatures or incorrect storage.
- Products whose trademark or serial number has been altered or removed.

8.3. In the event of a problem

The claim must be accompanied by the invoice and the information required to identify the product. Warranty service is provided through official Anova distributors. You can find the nearest distributor at www.anova.es.

9. ENVIRONMENT

Dispose of the product, battery, accessories and packaging responsibly. Do not dispose of the station or its electrical components with household waste.

9.1. Lithium battery and electrical components

Take the battery and electronic components to authorised collection points in accordance with local regulations. Do not open, puncture, incinerate or abandon the battery.

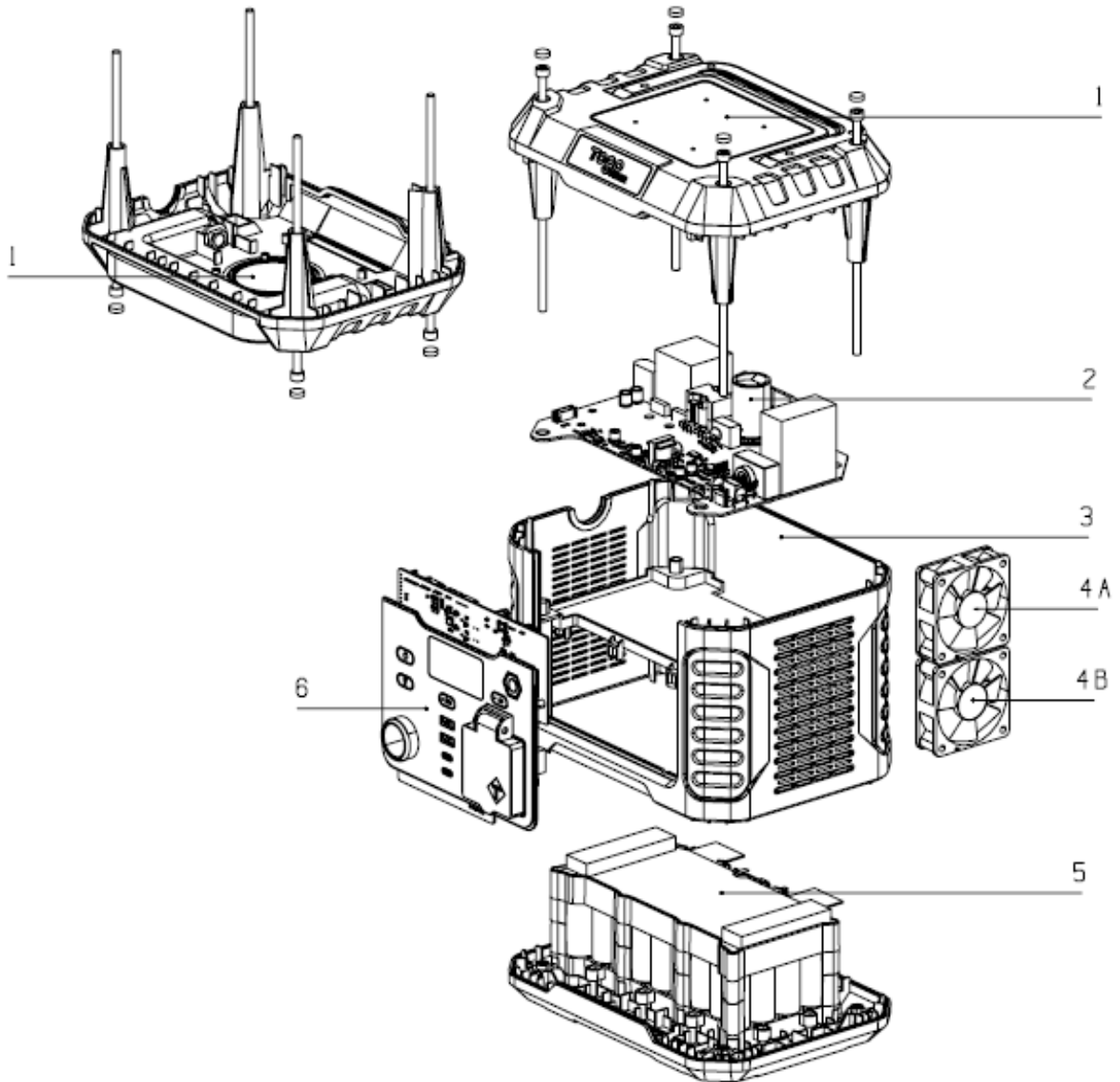
9.2. Plastics and metals

Separate plastic and metal components where possible and take them to suitable recycling facilities.

9.3. Packaging

Separate clean, dry cardboard and other packaging materials for recycling.

10. EXPLODED VIEW



1. CE CERTIFICATE

DISTRIBUTING COMPANY

MILLASUR, S.L.U

RUA EDUARDO PONDAL, Nº 23 P.I.SIGÜEIRO

15688 OROSO - A CORUÑA

SPAIN



CE DECLARATION OF CONFORMITY

In accordance with the various CE directives, it is hereby confirmed that, by virtue of its design and construction and the CE marking affixed by the manufacturer, the machine identified in this document complies with the relevant essential health and safety requirements of the aforementioned CE directives. This declaration authorises the product to bear the CE marking.

If the machine is modified and the modification is not approved by the manufacturer and communicated to the distributor, this declaration shall cease to be valid.

Machine designation: **POWER STATION**

Model: **APS500K**

Recognised and approved directives with which it complies:

Directive 2014/53/EU (Radio Equipment) Directive 2011/65/EU and amendment 2015/863/EU (RoHS)

Tested in accordance with the following standards:

EN 303417 V1.1.1:2017; EN 50665:2017; EN IEC 62311:2020 EN 301489-3 V2.1.1:2019; EN 301489-1 V2.2.3:2019 EN 61547:2009; EN IEC 55015:2019+A11; EN IEC 61000-6-3:2021 EN IEC 61000-6-1:2019; EN IEC 61000-3-2:2019+A1 EN 61000-3-3:2013+A1+A2; EN 62368-1:2014+A11 IEC 62321-3-1:2013; IEC 62321-4:2013+AMD1:2017; IEC 62321-5:2013 IEC 62321-7-1:2015; IEC 62321-7-2:2017; IEC 62321-6:2015; IEC 62321-8:2017

Company stamp

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