



V-TAC VT-606N Output Portable Power Station Instruction Manual

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V-TAC

V-TAC VT-606N Output Portable Power Station



Product Information

The V-TAC Portable Power Station 600W (Model VT-606N) is a high-capacity, rechargeable power source designed for outdoor and indoor use. It features a Lithium Iron Phosphate (LiFePO₄) battery with a capacity of 45Ah/576Wh. The power station can be charged using an AC wall outlet or a solar panel (not included) and can power various devices such as laptops, smartphones, cameras, and small appliances.

Product Specifications

- **Model:** VT-606N
- **SKU:** 11626, 11741
- **Battery Type:** LiFePO₄
- **Battery Capacity:** 45Ah/576Wh
- **Input:** AC 220V/50Hz or Solar Panel (not included)
- **Output:** 2 x AC Outlet, 2 x USB Port, 1 x DC Port
- **Max Output Power:** 600W
- **Weight:** 14.5 kg

Usage Instructions

Please follow the below steps to use the V-TAC Portable Power Station 600W:

1. Before first use, fully charge the power station using an AC wall outlet or a solar panel (not included).
2. To charge the power station using an AC wall outlet, plug the power cord into the input port on the power station and then plug the other end into an AC wall outlet. The LED display will show the charging progress.
3. To charge the power station using a solar panel, connect the solar panel (not included) to the input port on the power station. Make sure the solar panel is in direct sunlight and facing the sun. The LED display will show the charging progress.

4. To power a device using the power station, make sure the device is compatible with the power station's output ports. The power station has two AC outlets, two USB ports, and one DC port.
5. For AC devices, plug the device's power cord into one of the AC outlets on the power station. Make sure the device's power requirements do not exceed 600W.
6. For USB devices, use one of the USB ports on the power station to charge or power the device.
7. For DC devices, use the DC port on the power station to power the device. Make sure to use the correct adapter for your device.
8. When not in use, turn off the power station and unplug any connected devices.

INTRODUCTION

Thank you for selecting and buying V-TAC Product. V-TAC will serve you the best. Please read these instructions carefully & keep this user manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.

MULTI-LANGUAGE MANUAL QR CODE

Please scan the QR code to access the manual in multiple languages.

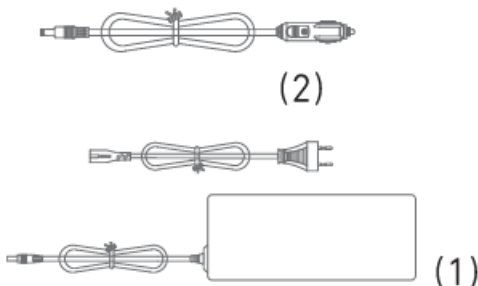


IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B.

What's in the Box

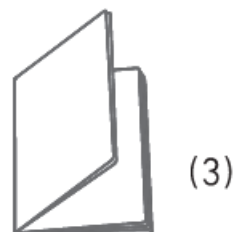


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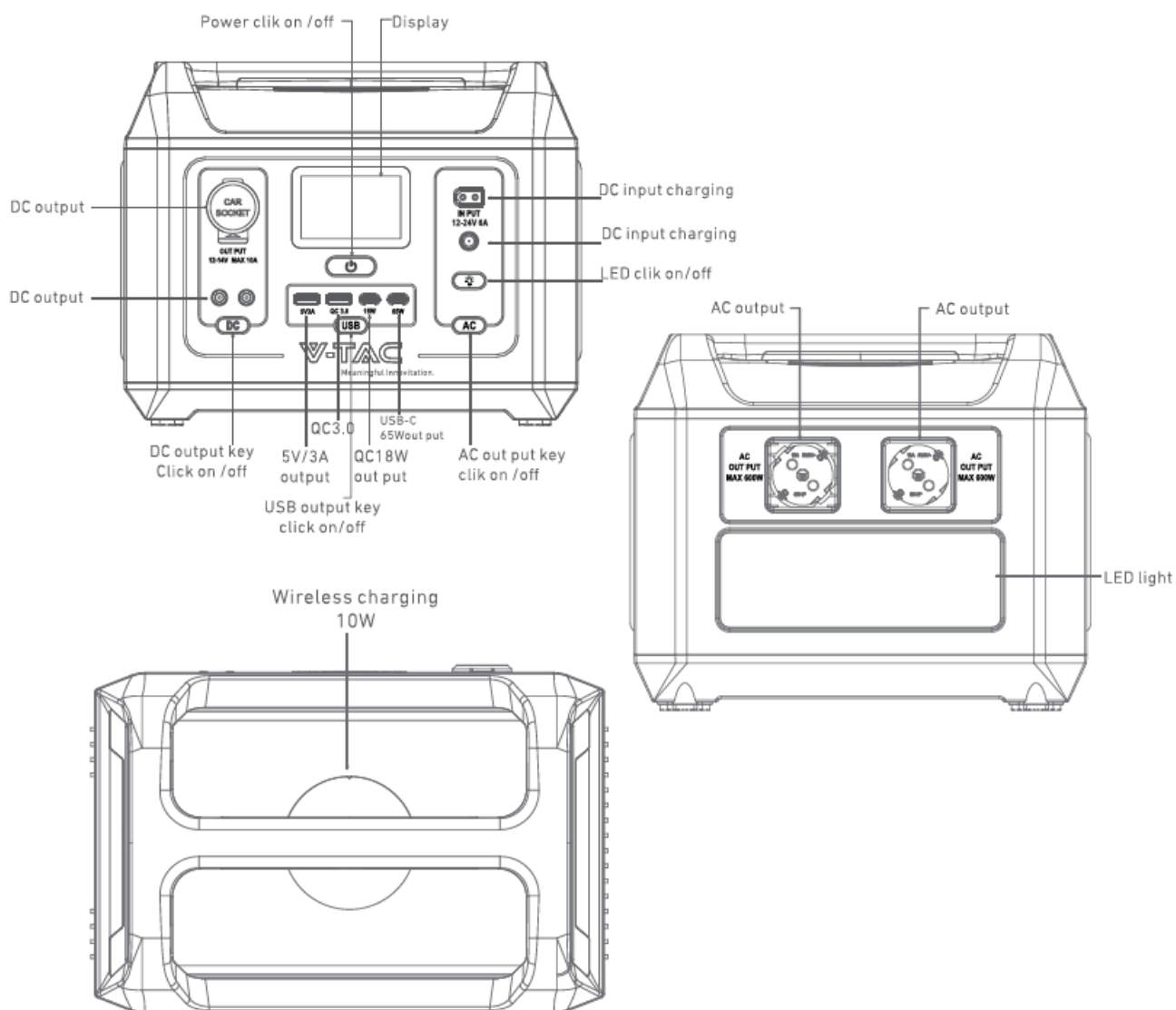
(1)








(3)

Parts	Q'ty(PCS)
(1) AC adaptor(230V) with DC output 20V/5A ,cable length=1.0 meters	X1 PCS
(2) Car cigarette lighter with male DC 7909 plug, cable length=1.5 meters	X1PCS
(3) User manual	X1PCS
(4) VT-606N portable power station	X1PCS

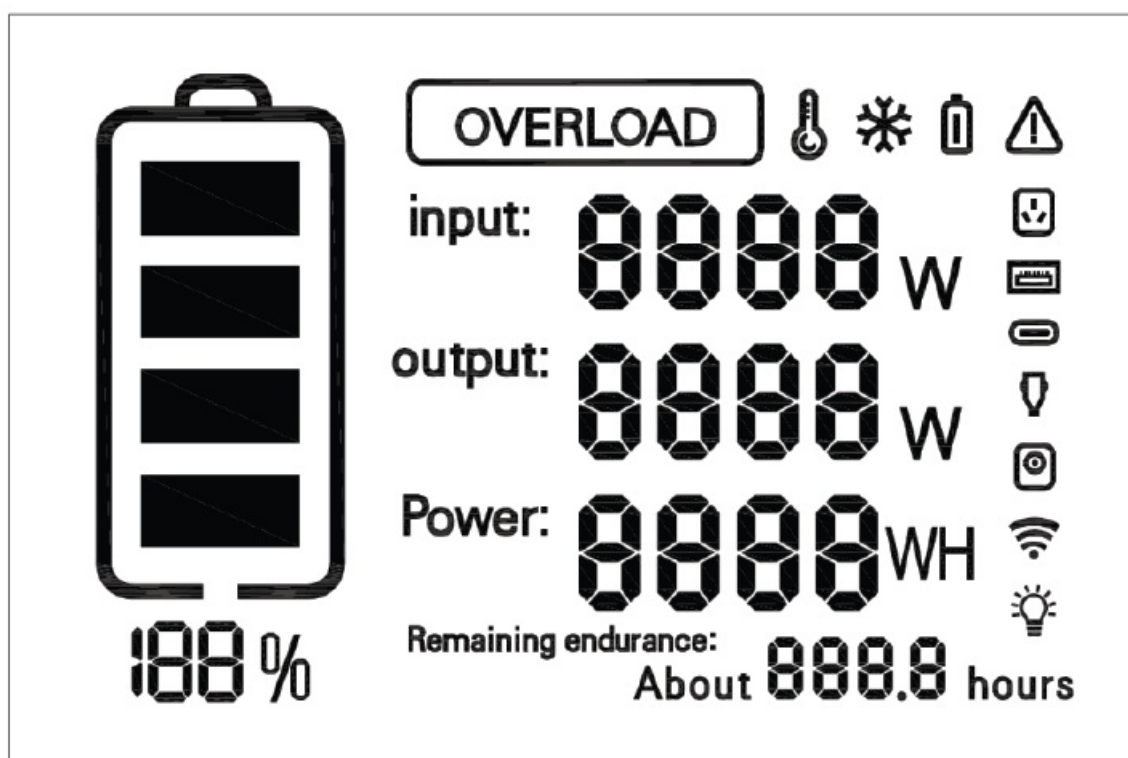
Overview



Buttons Operation

	The power button, long-press 3 seconds to turn on /off whole system
	DC power button, long-press 3 seconds to turn on/ off DC output, cigarette lighter, and wireless charger, it is also controlled by the above system power button.
	AC power button. long-press 3 seconds to turn on/ off AC output, it is also controlled by the above system power button.
	LED light button. Press the button to turn on the ambient light, and press again to switch between low and medium brightness levels. Long-press for 3 seconds to turn on the highest brightness. During the light-on mode, double-click for SOS mode, then double-click to quit SOS mode. During any mode, long-press the button to turn off the LED light.
	USB button, long-press 3 seconds to turn on /off USB output, it is also controlled by the above system power button.

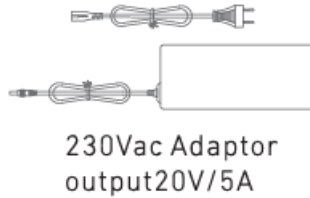
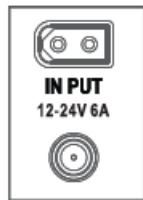
LCD display



Recharging Your Power Station

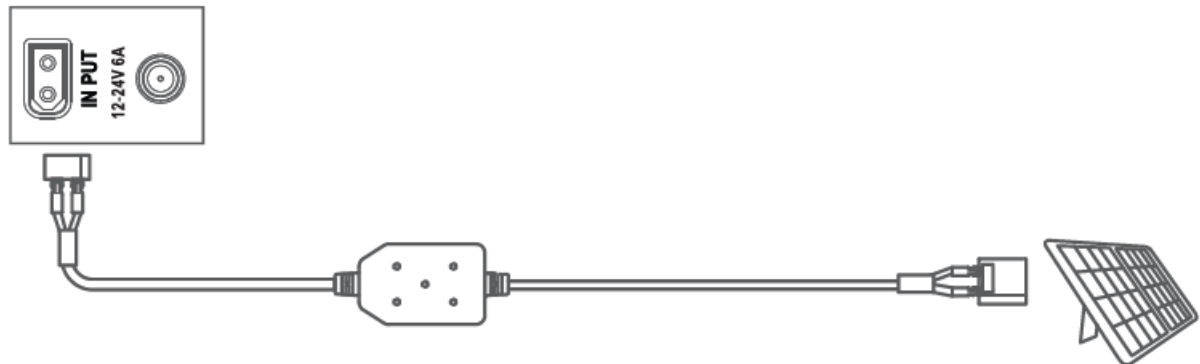
AC recharging

Recharge your power station by connecting to a wall outlet with the AC charging adaptor (included).



Solar panel recharging

Recharge your power station by connecting up to 120W solar panels in parallel with a solar charging cable DCXT60 (not included).



Car recharging

Recharge your power station by connecting to a car cigarette lighter output port with the car charging cable (included).

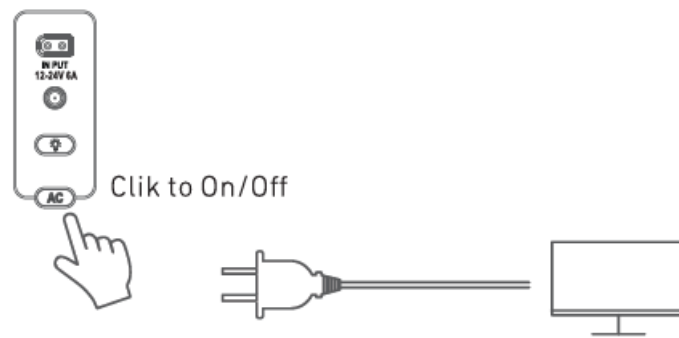


When your portable power station only has 5% battery remaining, the Remaining Battery indicators will flicker to remind you to recharge the product.

Charge Your Device

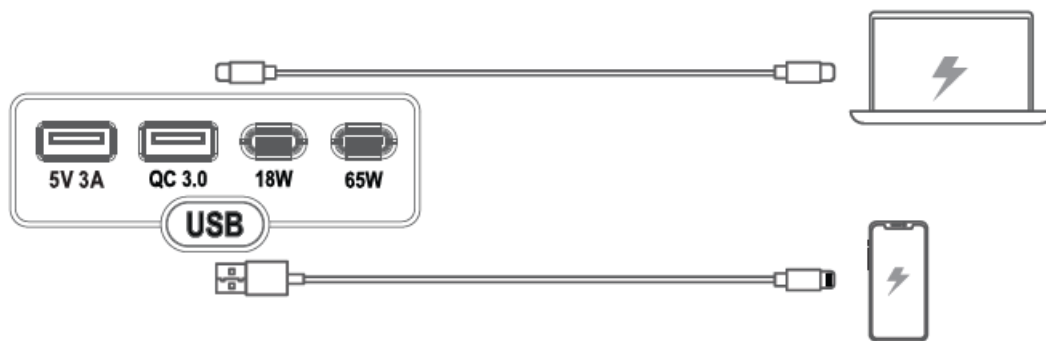
AC recharging

Press the AC button and connect your devices to the AC output ports.



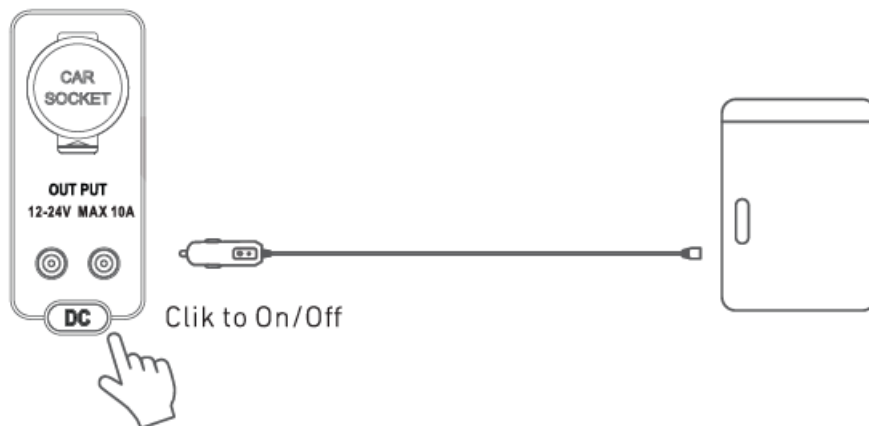
USB charging

Connect your devices to the USB ports



Car socket charging

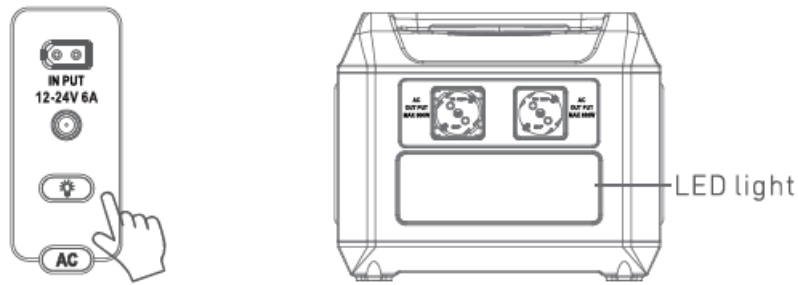
Turn on the car socket and connect your devices to start charging.



Light

Ambient light

- Press the button to turn on the ambient light, and press again to switch between low and medium brightness levels.
- Long-press for 3 seconds to turn on the highest brightness .
- During the light on mode, double click for SOS mode ,then double click to quit SOS mode



Trouble Shooting and FAQ

AC recharging failure

When AC recharging is unavailable, check to see if the overload protection icon is on in the LCD display. If so, need take down some application, and then recharging can resume.

AC charging failure

If AC charging is unavailable, it's possible that the connected devices exceed 700W. Try unplugging one or more of the connected devices to see if this resolves the issue.

FAQ

Q1: Why does the power station's battery drain even when no devices are connected?

When the AC and car socket control button is turned on, even if no devices are being charged, there will still be a certain amount of no-load power consumption. To avoid this, make sure the AC and car socket charging button is off or turn off the power station when you're not using it.

Q2: What's the max power output of the AC output ports?

The AC output ports can deliver a maximum of 700W to connected devices.

Q3: Can I recharge the product while charging connected devices?

Yes.

Q4: What kind of solar charger can charge this product?

Any 11-30V solar charger with an XT-60 connector.

Specification

Battery	Battery capacity	LiFePO4, 12.8V, 45Ah/576Wh
DC/INPUT	DC7909	12-24V6A
	XT60 solar charge	12-24V6A
USB/Output	USBI Output	5V 3A
	USB2 Output	QC 3.0 18W 5V3A/9V2A/12V1.5A
	TYPE-C 1 Output	POI 8W ,5V3A/9V2A/12V1.5A
	TYPE-C 2 Output	P065W ,5V3A / 9V3A / 12V3A / 15V3A / 20V3.25A
DC Output	DC 1 Output	1 2-14 V 1DA MAX
	DC 2 Output	1 2-14 V 1OA MAX
	Cigarette lighter Output	1 2-14 V 1DA MAX
AC Output	AC Output 1	AC power output 230V Sine WAVE 600W PEAK 700W
	AC Output 2	AC power output 230V Sine WAVE 600W PEAK 700W
	Output Frequency Max	Sine WAVE 600W PEAK 700W
	Frequency	50Hz
Wireless Charger	DC	,ow
LED lighting	Power	2-4W
	Mode	High-Light/ Lowli gh ti SOS/Flash
Temperature	Working temperature	-10'C-45'C
	Storage temperature	-20'C-60'C
Unit information	Dimension (LXWXH)	295 x 206 x 228.5mm
	Net weight	7.8kg

Important Safety Instructions

Attention

- Not permitted on aircraft.

WARNING

When using this product, basic precautions should always be followed, including the following: Read all the instructions before using the product.

- To reduce the risk of injury. close supervision is necessary when the product is used near children.
- Do not put your fingers or hands into the product.
- Do not expose the product to rain or snow.
- Use of a power supply or charger not recommended or sold by the product manufacturer may result in a risk of fire or injury to persons. To reduce the risk of damage to the electric plug and cord, pull

the plug rather than the cord when disconnecting the product.

- Do not use the product in excess of its output rating. Overload outputs above the rating may result in a risk of fire or injury to persons.
- Do not use a product that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury. Do not operate the product with a damaged cord or plug, or a damaged output cable.
- Do not disassemble the product. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- Do not expose to fire or high temperatures. Exposure to fire or temperatures above 130°C may cause an explosion. To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- When charging a device, the product may feel warm, this is a normal operating condition and should not be cause for concern. When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.
- Do not clean the product with harmful chemicals or detergents.
- Misuse, dropping, or excessive force may cause product damage.
- When disposing of secondary cells or batteries, keep cells or batteries of different electrochemical systems separate from each other. CAUTION: Risk of explosion if the battery is replaced by an incorrect one.
- Disposal of a battery into a fire or a hot oven, or mechanically crushing or cutting of a battery, can result in an explosion.
- Leaving a battery in an extremely high-temperature environment can result in an explosion or leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may cause an explosion or leakage of flammable liquid or gas.
- Unplug the AC power cable to disconnect it from line voltage.


WARNING: GROUNDING INSTRUCTIONS

This product must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This product is equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances. WARNING – Improper connection of the equipment grounding conductor may result in an electric shock. Check with a qualified electrician if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product- if it does not fit the outlet, have a proper outlet installed by a qualified electrician.

Storage and Maintenance instructions

1. Please store the product between -20°C-+60°C. Avoid exposing the product to rain or using the product in a humid environment.
2. To preserve battery lifespan, please discharge the battery to 30% and recharge it to 60% every three months.
3. Please keep the product laid flat during use, when charging, and during storage.

Documents / Resources

 <p>The image shows the front cover of the V-TAC VT-606N instruction manual. At the top is the V-TAC logo with the tagline 'Meaningful Innovation'. Below it, the text 'INSTRUCTION MANUAL' and 'PORTABLE POWER STATION' is visible. A central image shows the green and black power station unit. Below the image, there is a 'SERIAL' field with a blank space for a sticker, and an 'INTRODUCTION' section with small text. At the bottom, there is a QR code and the text 'MULTI-LANGUAGE MANUAL PDF CODE'.</p>	<p>V-TAC VT-606N Output Portable Power Station [pdf] Instruction Manual VT-606N, 11626, 11741, VT-606N Output Portable Power Station, Output Portable Power Station, Portable Power Station, Power Station</p>
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References

-  [TAC.EU](#)