

INVICTA
POWER STATION
User Manual

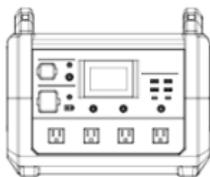
SNLPS1600



CAUTION!

Thank you for purchasing our energy storage series product. Please read the user's manual carefully before using the product and keep it well maintained. This manual helps you to operate this equipment correctly. Please note this is not an introduction to hardware and software configuration. For any product configuration, please refer to the relevant contract or consult your dealer. The pictures in this manual are for reference only, thank you.

Package Contents



1.1600



6. Solar charging cable



2. bag



3. User Manual

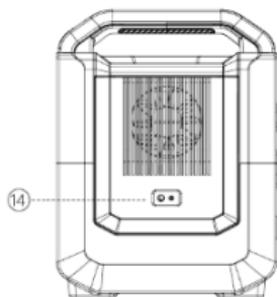
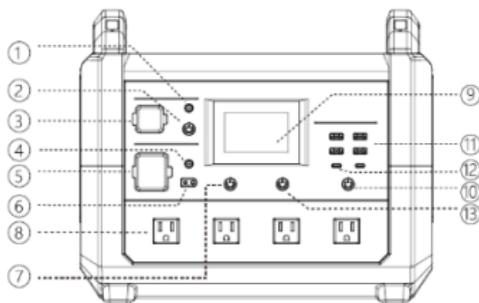


4. AC charging line



5. Car charger cable

INTRODUCTION



- ① DC Output Port
- ② DC ON/OFF Switch
- ③ Car Socket
- ④ DC Input Port

- ⑤ AC Input Port
- ⑥ Solar Input Port
- ⑦ AC ON/OFF Switch
- ⑧ AC Output Ports

- ⑨ LCD Display
- ⑩ USB ON/OFF Switch
- ⑪ QC USB-A Ports x4
- ⑫ PD100W USB-C Ports x2

- ⑬ Main Power Button
- ⑭ Ground Connection

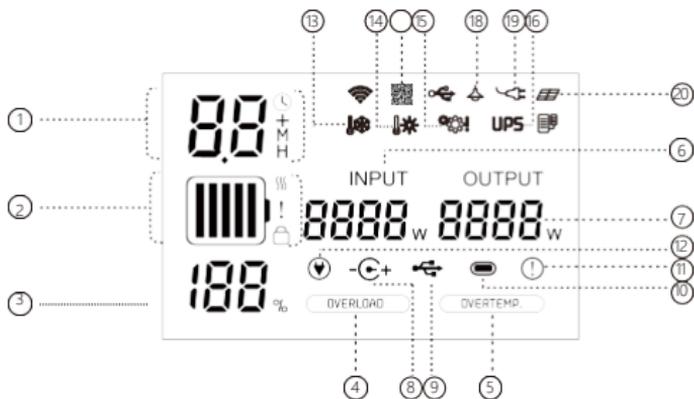
AU(x4)



SPECIFICATION

N.W Net Weight		16kg	
Size		370mm x 311.5mm x 235mm	
Capacity		1536Wh	
Battery Type		LiFePO4	
Input	AC	90~140V (60HZ): 800W±200W 180~250V(50HZ): 800W±200W	
	XT60	11.5V – 55V (Max 500W)	
	DC5521	12V/10A 24V/10A (Max 240W)	
Inverter Waveform		Pure Sine Wave	
AC Output	US/JP 4*AC output port	AC 100-120V ~ 60Hz Rated Power: 1600W	Peak Power: 3000W
	EU/AU/UK/ZA 4*AC output port	AC 200-240V ~ 50Hz Rated Power: 1600W	
DC Output	2x USB-C	PD 100W (5V/3A 9V/3A 12V/3A 15V/3A 20V/5A)	
	4X USB-A	QC (5V/3A 9V/2A 12V/1.5A) Per Port Max. 18W	
	1X Car Socket	13V/10A, Max 130W	Total share 8A Max
	1x DC5521	13V/3A, Max 39w	

LCD DISPLAY



Display Status	Display status effect	Operation / Instruction
Remaining time C indication	① 	Remaining discharge charge time
Battery icon	②  <p>Battery lock protection</p> <p>Battery failure/low voltage indicate</p> <p>Battery high/low temperature indication</p>	<p>T5~T1: full frame indicates that the current power is 81~100%</p> <p>T5~T2: four cells indicate that the current power is 61~80%</p> <p>T5~T3: three cells indicate that the current power is 41~60%</p> <p>T5~T4: two cells indicate that the current power is 21~40%</p> <p>T5: A frame indicates that the current power is 0~20%</p> <p>T11: When the power is lower than 5%, the icon will keep flashing.</p> <p>S12: Will light up when the working environment temperature is exceeded. Charging and discharging will be prohibited.</p> <p>S13: When the power is 0%, the icon will light up and cannot be discharged.</p> <p>S14: Illuminated when the battery temperature is too high or too low when charging is detected. Charging will be prohibited at this time.</p>
Percentage of power	③ 	This is the power percentage icon. You can light up the icon (blue) after turning on the phone to display the current power in numbers. The current battery level is displayed visually with numbers.
AC discharge overload (including overcurrent) icon	④ 	When the unit is in AC discharge overload protection, the icon flashes 3 times, while the buzzer sounds 3 times.
AC discharge overtemperature (including low temperature) icon	⑤ 	When the unit is in AC discharge over-temperature protection, the icon flashes 3 times, while the buzzer sounds 3 times.
Display input status and power	⑥ 	Power on can display "INPUT", "8888" (blue) real-time display of the current charging power. "W" means the unit is "watt".
Display output status and power	⑦ 	"OUTPUT" can be displayed at power on, "8888" (blue) shows the current the discharge power; "W" means the unit is "watt".
DC icon	⑧ 	When the unit is on, press the DC icon button to activate the DC5521 and Cigarette Lighter outlets. Press again to turn off
USB icon	⑨ 	When the unit is turned on, click on the "USB" button to light up the icon. If no USB load is detected, click the "USB" button to turn off the USB output and turn off the icon.

Type-c icons	⑩		When the unit is turned on, click on the "USB" button to light up the icon. If no USB load is detected, click the "USB" button to turn off the USB output and turn off the icon.
Alarm icons	⑪		USB-A, Type-C or DC icons will blink when overcurrent or short circuit protection is triggered, while the buzzer sounds 3 times.
AC icon	⑫		When the unit is turned on, click the "AC" button to light up the icon. At this time, you can discharge the AC load. If no AC load is detected within two hours, the AC output will be automatically turned off and the icon will be extinguished.
Low discharge of electric core temperature icon	⑬		High temperature protection icon for the battery cell. When this icon is shown, it will prohibit charging and discharging.
Cell discharge high temperature icon	⑭		High temperature protection icon for the battery cell. When this icon is shown, it will prohibit charging and discharging.
Debug mode icon	⑮		This icon will be shown when entering debug mode.
UPS icon	⑯		AC lights up when charging and discharging.
	○		
LCD backlight is always on icon	⑱		Illuminates when the LCD backlight enters constant light mode.
AC charging (input) icon	⑲		This icon will light up when charging from the mains.
PV charging icon	⑳		XT60 lights up when connected to PV charging.

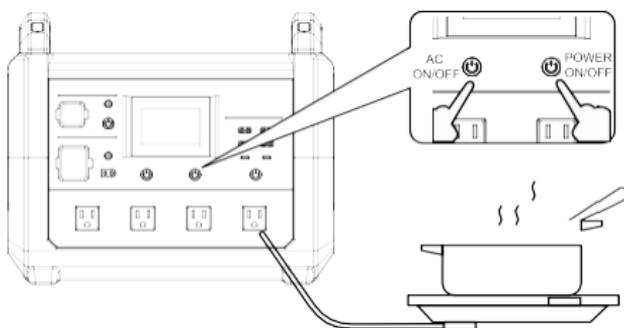
CAUTION

1. The product will enter standby mode if unused for 30 seconds.
2. To exit standby mode, click any button.
3. The product will shut down if unused for 3 minutes.
4. If AC output is less than 1W for two hours, the unit will shut down.
5. Turn off USB-A, USB-C or DC output without load by clicking corresponding button.

HOW TO USE THE AC OUTPUT FUNCTION

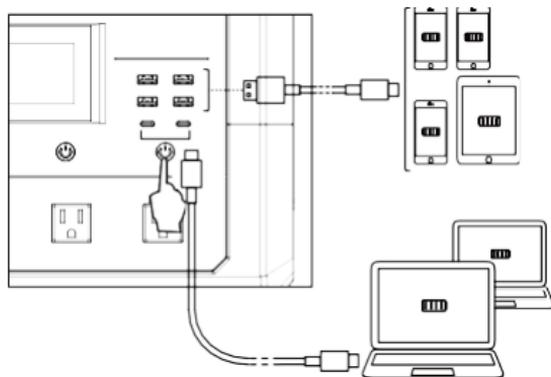
Under the condition that the total power does not exceed 1600W, all AC outlets can work together at the same time.

1. To turn on the power, click the power ON/OFF button. The main power indicator and screen lights up and enters standby mode.
2. Plug in AC appliances.
3. To turn on the AC output function, press the AC ON/OFF switch. The product will then start to supply power to the external AC appliances.
4. To turn off the AC output function, hold the AC power ON/OFF switch.
5. If the product is not being used for long periods, hold the main power switch for 1 second to turn the unit off.



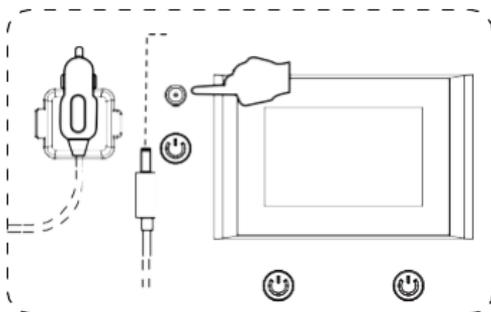
HOW TO USE USB OUTPUT

1. To turn on the power, click the power ON/OFF button. The main power indicator and screen lights up and enters standby mode.
2. To turn the USB function on, press the USB ON/OFF switch.
3. Plug in the USB devices and start to use.



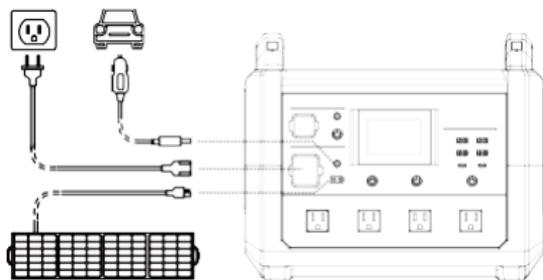
HOW TO USE DC OUTPUT

1. To turn on the power, click the power ON/OFF button. The main power indicator and screen lights up and enters standby mode.
2. Plug in the DC devices.
3. To turn on the DC function, press the DC ON/OFF switch.
4. To turn off the DC output function, press the DC ON/OFF switch.
5. If the product is not being used for long periods, hold the main power switch for 1 second to turn the unit off.



HOW TO CHARGE

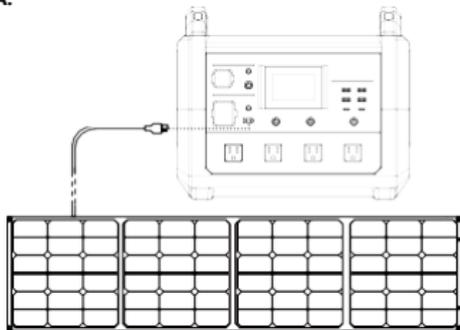
- > When the power value is below 5%, it is recommended to charge (recharge) the 1600 prior to use.
 - > It is recommended that a full recharge is completed at least once every three months to keep the unit maintained.
 - > This product has a total of 3 charging ports. If you have access to all charging methods at the one time, AC charging has the highest priority, followed by DC5521.
1. Super quick charging: AC Input (AC power supply can be used to charge the portable power station with a maximum power of 900W through the AC charging port).
 2. Solar charging
 3. Car charging (DC5521)



The portable power station supports solar panel charging. Maximum solar panel is 500W. To achieve a high-power solar fast charging experience, you can purchase solar panels and dedicated cable accessories that match the portal power station.

CAUTION

The maximum voltage of solar panels that the portable power station can support is 54V, and the maximum current is 10A.



ATTENTION:

- **The unit must be charged by a solar panel with a voltage lower than 55V.**
- **The input voltage exceeding 54V has the risk of damaging the product.**

FAQS

1. Can the product be taken on a plane?

No, because this product contains a battery. According to the international air transportation standard and regulations, if a battery product exceeds 100Wh, it cannot be taken on a plane.

2. Why does the unit make noise?

Because this product uses an air-cooled system, the built-in fan regulates air to dissipate heat. A slight noise from the fan is normal.

3. How do I store the product when it is not being used?

The portable power station needs to be stored in a dry environment. By using the correct storage method, you can prolong the service life of the unit.

4. How do I clean the product if it is dirty?

Please use a dry non-abrasive cloth to wipe. Do not wipe directly with a wet cloth or chemical solvent. If you would more of a deep clean, we recommend that you use a cotton swab with a small amount of absolute alcohol to wipe. Do not expose the product to large amounts of water.

DAILY USAGE TIPS

1. This product uses high-quality lithium-ion batteries. To receive the best charging performance, we recommend using it within the range of 10°C – 30°C.
2. To avoid interference when charging, please stay away from TVs, radios, and any other electrical equipment.
3. Please disconnect the power cord if you do not use this device for long periods of time.

WARRANTY

The Invicta Power Station 1600 comes with a 3-year warranty.

CAUTION

1. To avoid short circuit, do not store this device together with coins, jewelry, keys, and other metal objects.
2. Keep away from heat, high temperatures and direct sunlight. Do not throw in fire, water or other liquids.
3. This equipment is not suitable for people with reduced physical, sensory, or mental abilities, or lack of experience and knowledge (including children), unless the person responsible for their safety supervises or guides their use of the equipment.
4. To avoid any safety issues, children should be supervised and guided when using this device.
5. The device may become hot whilst charging, which is normal. Do not cover the device with towels, clothing, or other items.
6. Please dispose of the waste according to the regulations. Do not dispose of the built-in battery in general or domestic garbage to avoid explosion.
7. This product is an energy storage power supply only.
8. There is a non-removable rechargeable battery inside your device. Do not try to remove the battery, otherwise the device may be damaged.



Recharge device every 3 months



Use original certified cable



No contact with liquids



Do not disassemble



Prevent from falling



Prevent from high temperature

Contact Details and Information

A range of resources can be found at <https://www.invictalithium.com.au/>. This includes specifications, product registration and our warranty statement. If you require any further assistance with your Invicta battery, please contact the team at Sealed Performance Batteries (SPB) on 07 3886 1102 or sales@spb.net.au.

Invicta is a trademark of Sealed Performance Batteries, a company that has over 25 years experience in energy storage and are located in Brisbane, Sydney and Melbourne. For more information on Sealed Performance Batteries please visit <https://www.sealedperformance.com.au/>.

