

# GRAVITY 2232

## USER MANUAL

[www.sunslice-solar.com](http://www.sunslice-solar.com)

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## INTRODUCTION

The Gravity 2232 is a very high capacity portable generator, capable of providing high AC power and DC power for all your devices.

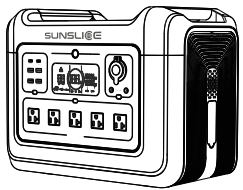
It works just like a generator, but without emitting any noise nor burning any fuels, unlike traditional diesel generators.

The Gravity 2232 solar power generator can be recharged via wall outlet (the charger is provided) or via solar panels.

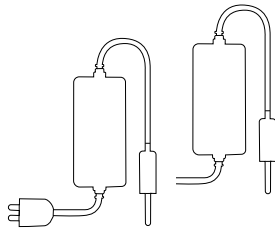
We recommend using the adequate Sunslize 150W solar panels to charge your Gravity 2232 quickly and efficiently.

*Geoffroy & Henri*

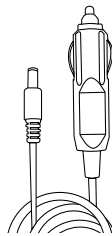
## IN THE BOX



Gravity 2232

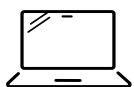


2 x AC/DC Adapter



Charger plug  
cigarette lighter

## COMPATIBLE WITH



LAPTOP



SMARTPHONE



TABLET



GoPro



CAMERA



DRONE



TV



DESKTOP  
PC



FRIDGE

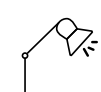


TABLE LAMP

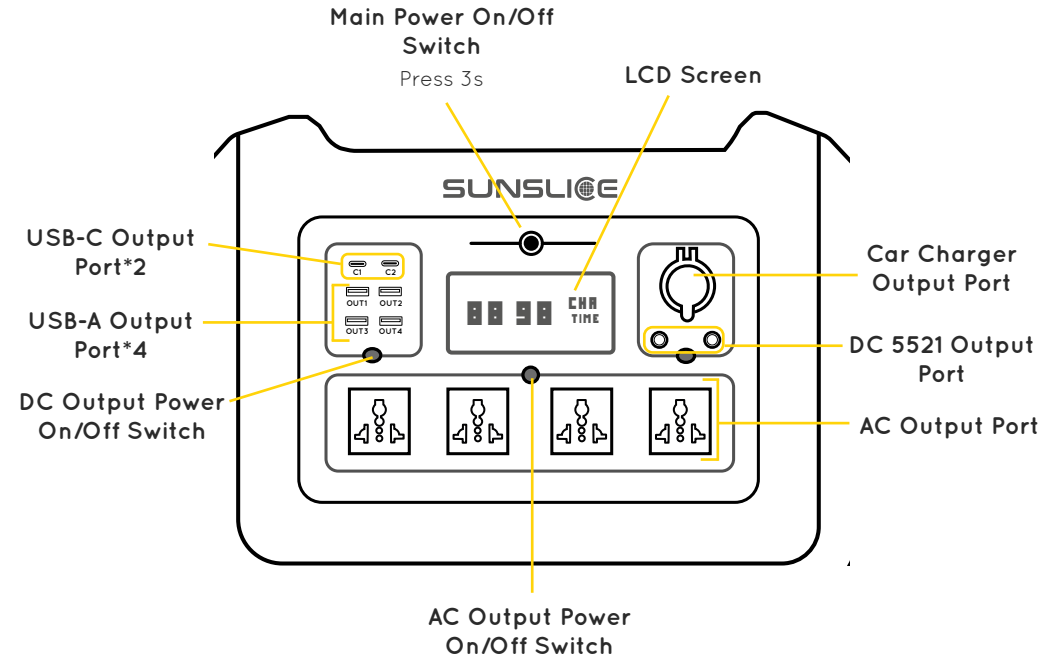


ELECTRIC  
BIKE

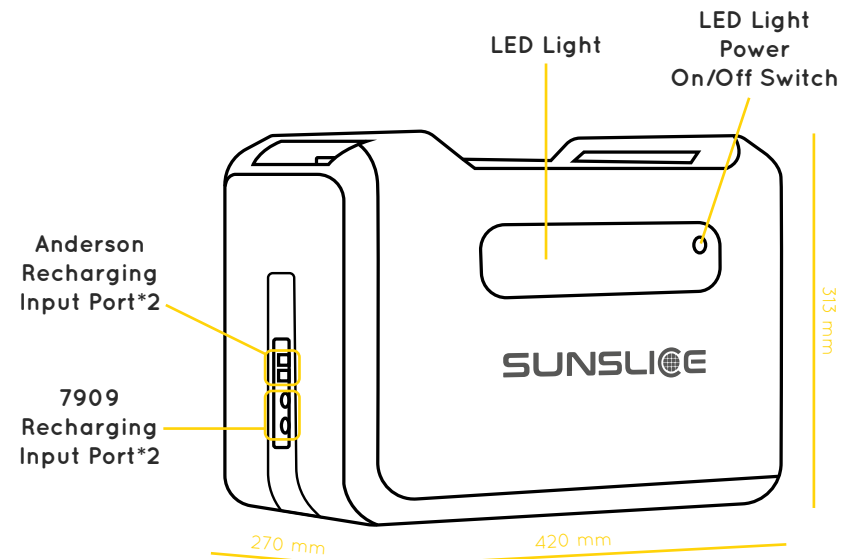


ELECTRIC  
DRILL

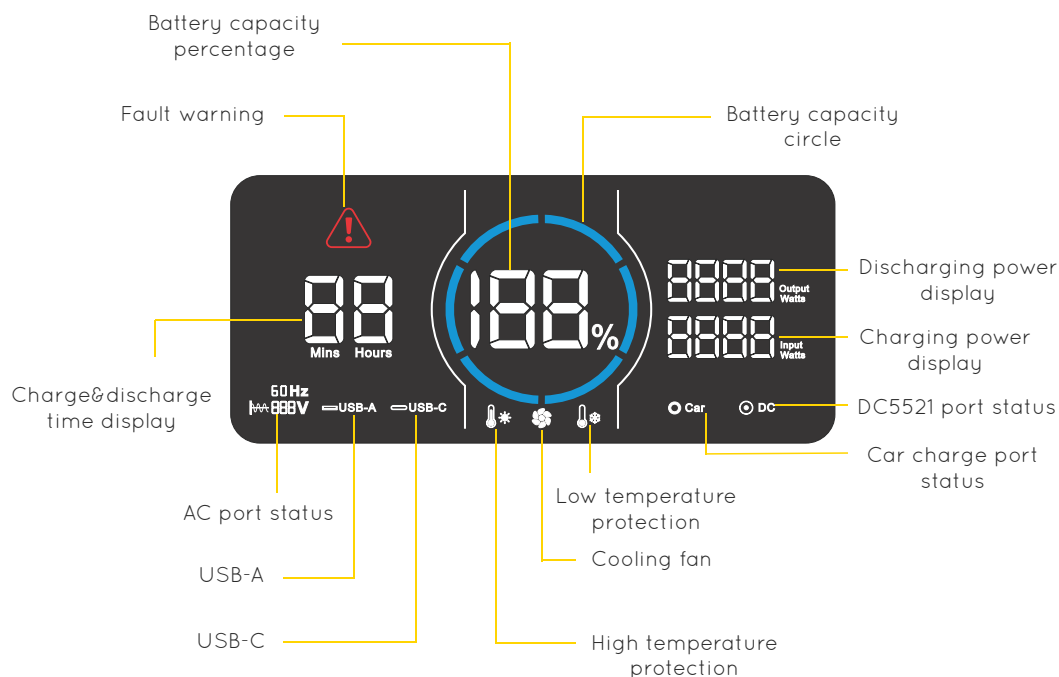
## PRODUCT OVERVIEW



Weight : 20.7kg



## LCD SCREEN DESCRIPTION



## KEY FEATURES

- 2232 Wh / 603'200 mAh (3.7V)
- 2 x USB-C PD OUTPUT 60W
- 4 x USB-A QUALCOMM 3.0
- CHARGES MANY POWERFUL DEVICES
- HIGH SOLAR INPUT
- STRONG LED Light
- ROBUST DESIGN
- EASY TO CARRY
- 20.7kg

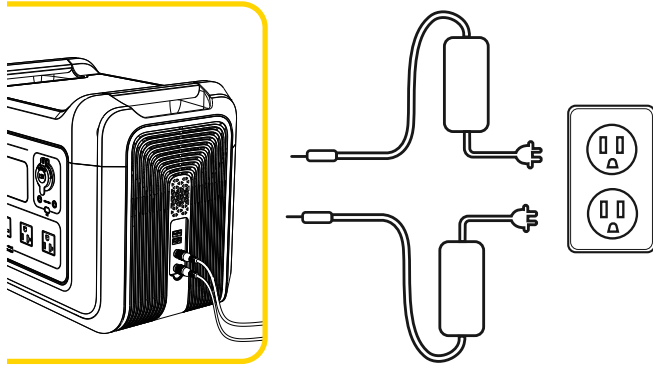
## SPECIFICATIONS

<b>CAPACITY</b>	2232 Wh / 603'200 mAh (3.7V)
<b>AC OUTPUT 2400W MAX</b>	Universal AC Outlet : 4x 2400W (220V) Peak Power : 5000W Pure Sine Wave : 50Hz
<b>DC OUTPUT</b>	4 x USB-A QC3.0 (18W) : 5V/3A, 9V/2A, 12V/1.5A, 5V/2A 2 x USB-C PD (60W) : 5V/3A, 9V/2A, 15V/3A, 20V/3A 2 x DC 5521 : 12V/10A 1 x Cigarette Lighter : 12V/10A
<b>AC INPUT</b>	2 x DC7909 (AC/DC) : 200W
<b>SOLAR PANEL INPUT (not included)</b>	2 x Anderson : 12-45V/11A (Single maximum input 500W) 2 x DC7909 : 12-45V/4.4A (Single maximum input 200W)
<b>BATTERY TYPE</b>	LiFePO <sub>4</sub>
<b>IP GRADE</b>	IP21
<b>WEIGHT</b>	20.7kg
<b>DIMENSIONS</b>	420 x 270 x 313 mm
<b>CHARGING STATUS</b>	LCD Screen
<b>IN THE PLANE</b>	Not Allowed
<b>WORKING TEMPERATURE</b>	0~40°C

## CHARGE THE GRAVITY : 3 WAYS

### STANDARD AC ADAPTER

Please connect the 200W AC adapter to the DC7909 input of the Gravity 2232. In the meantime, you can also connect the second 200W AC adapter to the other DC7909 input in order to double the charging speed. It will take about 6 hours to charge the Gravity 2232.



### CAR CHARGER

Please connect the 7909 input charge port and the vehicle's 12V cigarette output port with our standard 7909 transfer cables. It will take at least 23 hours to be fully charged.

### SOLAR PANELS

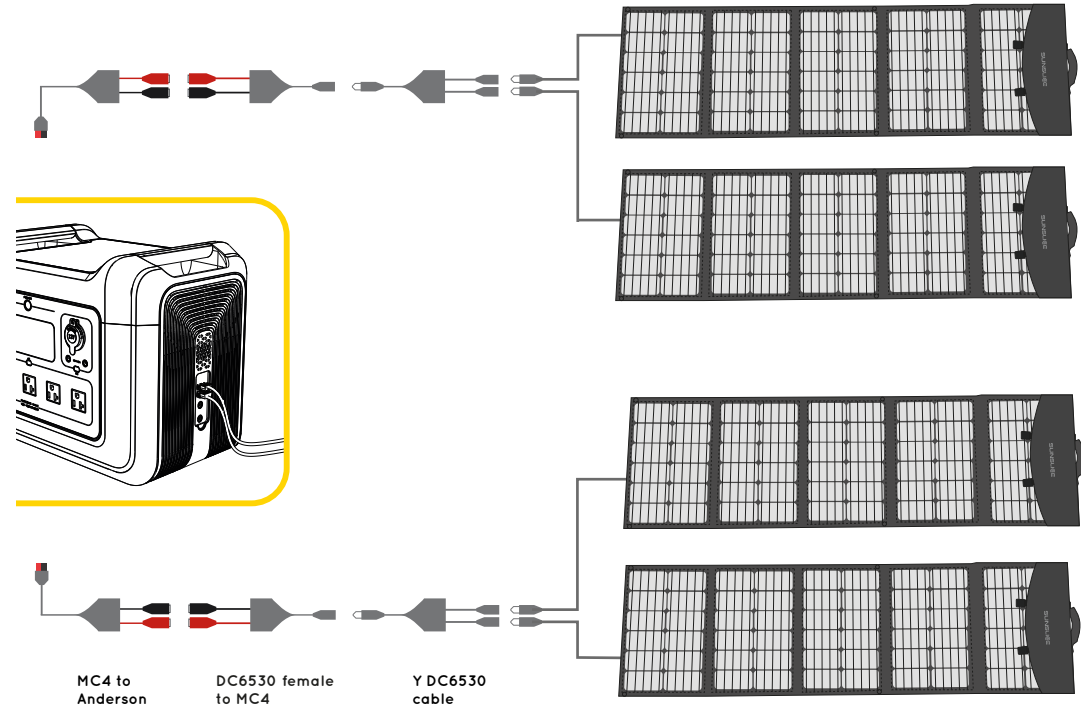
**ANDERSON Input:** The Gravity 2232 is equipped with 2 ANDERSON inputs, which allow the battery to be charged with up to 500W each. They can be used simultaneously, providing up to 1000W of solar power to the battery.

It is important to check the maximum voltage and current ratings allowed on the Anderson inputs in order to safely connect the solar panels to the battery and avoid material damage and potential injury.

We recommend using Sunslicce solar panels to ensure perfect compatibility, but the battery is also compatible with other solar panels. In case you are unsure of your set-up, or which panels to choose, please contact Sunslicce for support.

If your solar panel is equipped with an Anderson output, you may connect it directly to the Gravity 2232. In most cases, an adapter will be required. Sunslicce can provide MC4 to Anderson adapters, allowing you to easily connect your solar array to the Gravity 2232.

Once the solar panels are correctly connected to the battery, the battery LCD screen will indicate the battery is charging and will display the input power being delivered into the battery in real time.



**7909 Input:** The 7909 DC inputs are mainly used to charge the Gravity 2232 from the mains, but they also allow solar charging, up to 300W each (maximum voltage of 45V). If your solar panel respects the voltage and current limits, and is equipped with a 7909DC output cable or a 7909DC adapter, you may connect them to the 7909 input of the battery.

**The Anderson ports and DC7909 ports may NEVER be used at the same time. Only one type of input may be used at any time.**

## HOW TO USE THE GRAVITY 2232

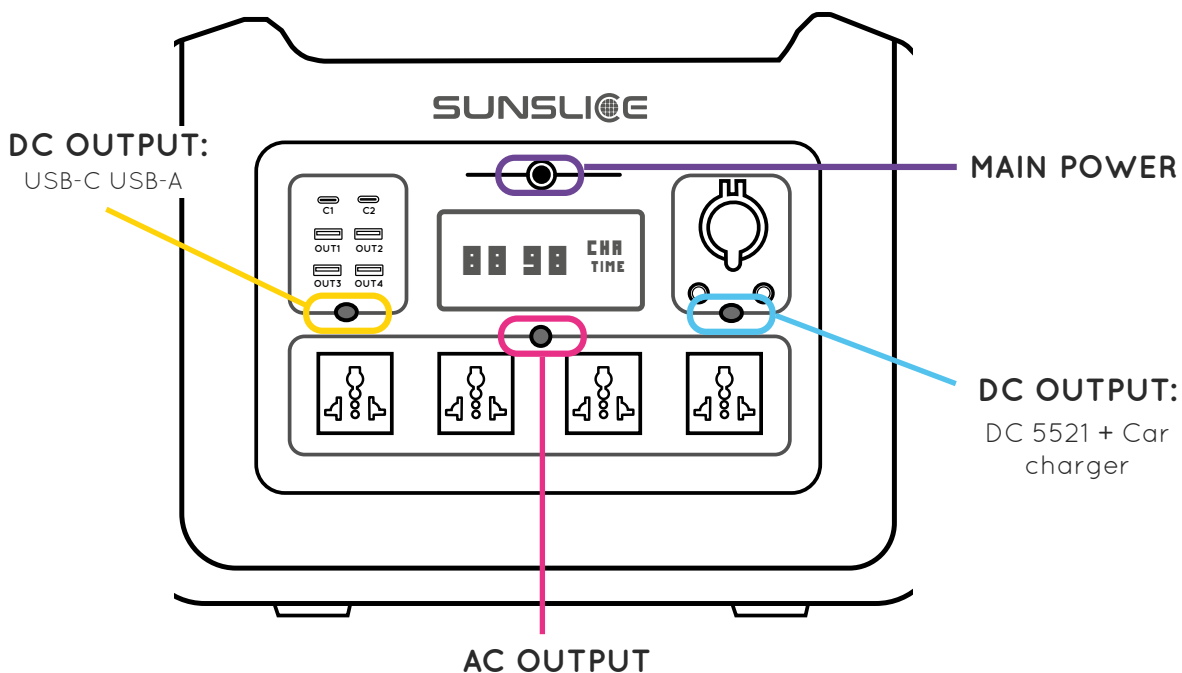
### AC OUTPUT

When the main power button is ON, gently press the **AC output** button, the icon « AC» in the LCD screen will lit up. It means the AC ports can be used properly. Press the button again and the AC ports will be turned Off.

**!! DON'T FORGET TO TURN IT OFF AFTER USING IT TO SAVE BATTERY POWER !!**

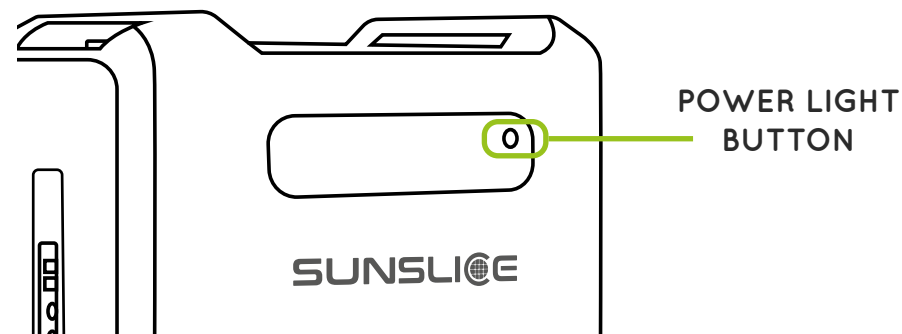
### DC OUTPUT

When the main power button is ON, press the **DC button on the left side** of the function panell, USB-C and USB-A function can be used normally, and the panel corresponding icons, on the LCD screen will lit up. Press the **DC button on the right side** of the function panel, DC 5521 and the car charger ports can be used properly, and the corresponding icons will lit up. Press the power button again, the corresponding icons and the ports will be turned off.



### LED LIGHT

When the main power button is ON, press the **power light button** on the other side. Press once, 50% brightness, press twice 100% brightness. Press tird time , it will change to SOS flashing mode. Press again to turn it off.



### FREQUENCY SWITCHING OPERATION

1. In the power - On state, turn off the **AC output**, and press the **Main Power button** & the **DC button ( USB)** at the same time to enter the switching frequency menu
2. Press the **AC output button** to switch the frequency, the setting frequency will be flashing.
3. Long press the **Main Power button** to set the frequency, **SUC** will be displayed if the setting is successful, and then long press the main power button to exit the settings menu.










## STORAGE AND MAINTENANCE

- When the device is not in use , please turn off all switches to reduce product power consumption and extend the product battery lifetime.
- Please keep the surface of the product clean, ensure the the product is not in contact with gasoline, volatile oil, tinner, kerosene, etc., to avoid corrosion of the product shell.
- Please store the product in a dry, ventilated and dustless environment, in a 0-40° C temperature range and avoid direct sunlight
- Please fully charged the battery before storage, and charge it at least once every 3~6 months, to avoid dormancy of the battery , which could affect the battery capacity progressively.
- If the product needs to be long-distance transported, please keep the battery power between 40%-60%, otherwise there could be a potential safety risk.

## DISCLAIMER

- The Compagny is not responsible for any damage caused by force majeure ( e.g. fire, typhon, flood, earthquake or customer's negligence, abuse or use in other unusual circumstances)
- The compagny is not responsible for the loss caused by the use of non-standard connector
- The compagny is not responsible for any damage caused by the wrong operation which didn't follow the instructions of user manual

## FAULT CODE AND TROUBLE SHOOTING

CODE	DESCRIPTION	PERFORMANCE	TROUBLE SHOOTING
E000	AC Short Circuit Protection	 AC +  Flashing, no output	Press the AC Out put Power ON/OFF button for recovery.
E001	Over Load Production	 AC +  DC +  Flashing, no output	Flashing icons indicate with circuit overload. Press corresponding button for recovery
E002	Battery low Voltage Protection	The function icon blinks, and the corresponding port has no output	Press corresponding button for recovery.
E003	AC&DC Output run simultaneously, system overload	 AC Flashing, AC no output	AC&DC Output run at the same time, the total load power is over 2400W. Shut down the AC output, or lower down the load of AC output, priority support the DC output
E004	Inverter Fault	 AC +  Flashing, no output	Inverter output voltage is too high/ low ; Inverter over temperature. DC main line voltage too high/ low ; Loaded current abnormal.
E005	BMS FAULT	 Flashing, other function icons can't lit up, no output	<ul style="list-style-type: none"> <li>• Charge over voltage protection</li> <li>• Discharge under voltage protection</li> <li>• High Temperature Protection</li> <li>• Low Temperature Protection</li> <li>• Short Circuit Protection.</li> </ul>

## OUR WARRANTIES

### PREMIUM QUALITY

We select the finest materials to insure a high quality and durability for all of our products.

### PROTECTION CIRCUIT

The Sunslic Gravity is equipped with a voltage stabilizing circuit to avoid damaging your devices.

### 2 YEARS WARRANTY

The Gravity has a 2 year warranty. In case something goes wrong, please contact us directly by email at :

**service@sunslice-solar.com**

Before contacting us, please have a look at our FAQ at :

**[www.sunslice-solar.com/apps/help-center](http://www.sunslice-solar.com/apps/help-center)**

## PRECAUTIONS

- Please use our standard solar panels and adapters to charge the device, otherwise the device may not be charged normally. In severe cases, the lifespan will be reduced, and the device may be damaged due to short circuit.
- There will be efficiency loss of the input power which displays on the LDC screen
- Please charge the product at the ambient temperature of 0~40°C
- Must make sure that the connection is in good contact, and adapter work normally, otherwise, it may cause potential safety hazards.

- Please turn off all the switches when it's not used.
- If the Gravity does not charge your laptop or device, please read this user manual again. If the problem lasts, please contact us.
- The Gravity 2232 is not allowed in the plane.
- Do not puncture, throw, drop, bend or modify your Sunslic Gravity.
- Do not leave the Sunslic Gravity out in the rain, keep away from water. Do not expose the Gravity to fire or excessive heat.
- Do not short-circuit the battery with lead or any metal objects.
- Keep the battery ports free from dust, lint, etc that may prevent proper connections.
- Please fully charge the powerbank after a long period of storage as it may discharge slowly with time.
- If regularly used with solar panels, it is good to charge the Gravity completely on the mains sometimes.
- Do not use excessive force when connecting or disconnecting cables to/from the Gravity.
- Stop using the Sunslic Gravity if it generates unusual smell, heating, distortion or any other abnormality.
- Keep away from children.

**You are welcome on our website to learn more  
about our products.**

**[www.sunslice-solar.com](http://www.sunslice-solar.com)**

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