

**EN**

Original Instructions  
Version 1 – January 2024

**DRAPER**<sup>®</sup>

12V LITHIUM

# **JUMP STARTER WITH DIGITAL DISPLAY**

**23728, 23741, 23742**



**UK  
CA** **CE**

**!** Fully charge the jump starter before using for the first time

## 1.1 Product Reference

**User Manual for:** 12V Lithium Jump Starter with Digital Display.

**Stock No:** 23728, 23741, 23742

**Part No:** GTS1200, GTS2000, GTS3000

## 1.2 Revisions

**Version 1:** January 2024  
First release.

As our manuals are continually updated, always ensure that the latest version is used.

Please visit [drapertools.com/manuals](https://drapertools.com/manuals) for the latest version of this manual and the associated parts list, if applicable.

## 1.3 Understanding the Safety Content of This Manual



**WARNING!** – Situations or actions that may result in personal injury or death.



**CAUTION!** – Situations or actions that may result

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## 4. Health and Safety Information

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**Important:** Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Non-compliance with these instructions may result in injury or damage to the user, or the product or the vehicle.

### 4.1 Vehicle Battery Health and Safety Precautions



**WARNING! Risk of explosive gases**

- Working in the vicinity of lead-acid batteries is dangerous as they generate explosive gases during normal operation. Follow these instructions and those published by the battery manufacturer and the manufacturer of any other equipment to be used in the vicinity of the battery.
- Review warning marks on all these products

## 5. Explanation of Symbols

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Mandatory action required



Read the instruction manual



**Warning!**





## 7.1 Charging the Jump Starter

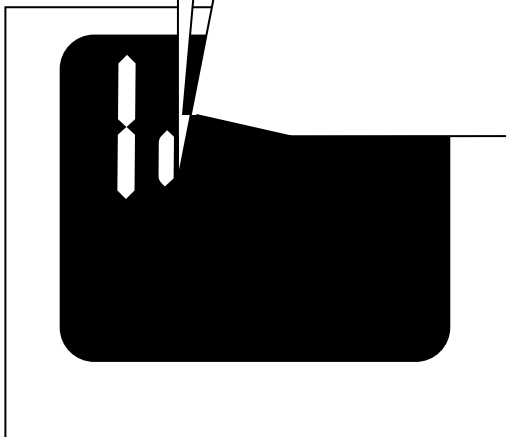
**Note:** When using for the first time, ensure that the jump starter is fully charged.

1. To begin charging, connect one end of the USB-C cable to the USB-C input port (5) and the other to a suitable USB power output.
2. Press the ON/OFF button (4) to turn on the product.
3. During charging, the percentage of battery capacity and power will be displayed. When the battery is fully charged, the LCD screen will turn off automatically.

4. Unplug the cable when fully charged.
  - Charging with the appropriate USB power output port.

## 7.2 Using as a Power Bank

1. Connect your smartphone or other electronic device to the USB outputs on the product.
2. Press the ON/OFF button to turn on the product.
3. Unplug the cable when fully charged.



## 8.2 Jump Starting the Vehicle


### Note:

- This product is for 12V petrol and diesel engine cars only (refer to **3.2 Specifications** to check engine size).
- Before using the Jump Starter check that the battery power is more than 50%.
- Refer to the vehicle's manufacturer instruction manual for specific advice on jump starting and follow their recommended process.

1. Insert the connector end of the clamps into the jump starter cable ports (9).
2. With the engine off, connect the red clamp to the positive (+) terminal (or the vehicle's manufacturer's recommended jump point) and the black clamp to the negative (-) terminal of the car battery (or the vehicle's manufacturer's recommended jump point).
3. Press the ON/OFF button to turn on the jump starter. Then press and hold the **BOOST** button down until 'BOOST' is shown on the screen.
4. Start the car engine.

5. Once the engine has been started, turn off the engine and remove the jump starter clamps.
6. Remove the negative clamp first than the positive clamp.
7. Restart your car.

**Note:** The jump starter will turn off automatically when no load is detected.

8. If an error occurs during jump starting an alarm will sound and a warning () will be displayed on the screen (refer to **Troubleshooting section 9.2** for more information).

## 8.3 Using the built in Flashlight

1. To operate the flashlight, press and hold the ON/OFF button (4) until the light comes on.
2. The light has 3 settings as follows:

Press	Beam Setting
Once	On/High
× 2	S.O.S/Slow flashing
× 3	Fast flashing

4. To turn off the flashlight press the ON/OFF button until the light goes out.

**Note:** the jump starter display will remain off and will turn off automatically once no load is detected.

# 9. Maintenance and Troubleshooting

## 9.1 General Maintenance

- Check the battery level of the battery at least once every 3 months.
- Keep the product clean and free from dust, debris and grease.
- Use a dry clean cloth to clean the housing of the device.
- Do not use detergents to clean the product.
- When not in use store in a dry well-ventilated area, out of direct sunlight and out of the reach of children.
- The storage temperature should not exceed 60°C.

## 9.2 Troubleshooting



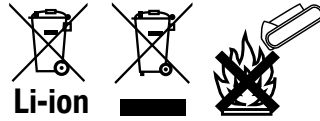
### Error Mode

### Possible Cause

### Remedy

Alarm + '9'	Reverse connection.	Correct the connection between the clamp and the battery terminals.
Alarm + '8'	Temperature too high (above 60 °C or too low (Below -20°C).	Restore the temperature of the jump starter to between -20°C to 60°C.
Alarm + '7'	Over-current protection activated.	Stop jump starting the vehicle and wait 30seconds before retrying.
Alarm + '6'	Entered 'safe mode' due to more than 4 attempts to start vehicles within a 10minute period.	Stop jump starting the vehicle and wait 10 minutes before retrying.
Alarm + '5'	Short circuit protection activated. Clamps touching each other. Clamps connected to same piece of metal.	Check that clamps are not touching each other and are not connected to same piece of metal.
Alarm + '4'	Vehicle battery voltage higher than the jump starter.	Disconnect the jump starter from the battery.
Alarm + '3'	Jump starter voltage is too low to start the vehicle.	Charge the jump starter (refer to <b>section 7.1</b> ).

- For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.
- Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.
- Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.
- At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.
- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.
- **DO NOT** burn or mutilate batteries; this may release toxic or corrosive substances.



## 11. Warranty

Draper Tools products are carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Contact information can be found at the back of this manual.

Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covers parts and labour for 24 months from the date of purchase. Where tools have been hired out, the warranty period covers 90 days from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

In all cases, to make a claim for faulty workmanship or materials within the standard warranty period, please contact or return the product to the place of purchase. Proof of purchase may be required.

If the place of purchase is no longer trading or if you experience any difficulties with your warranty, please contact Customer Services with the product details and your proof of purchase. Contact details can be found at the back of this manual.

If the tool is not covered by the terms of this warranty, repairs and carriage charges will be quoted and charged accordingly.

This warranty supersedes any other guarantees expressed or implied and variations of its terms are not authorised.

Your Draper Tools guarantee is not effective until you can produce, upon request, a dated receipt or invoice to verify your purchase within the guarantee period.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

**Draper Tools Limited**

## Contact Details

### **Draper Tools**

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Please contact the Draper Tools Product Helpline for repair and servicing enquiries.