

THUNDER

THANK YOU FOR CHOOSING THE PORTABLE 24,000mAh JUMP STARTER

Always follow basic safety precautions when using electrical appliances. Read all instructions carefully and please keep this instruction manual for reference.



Connection to your Weekend Escape

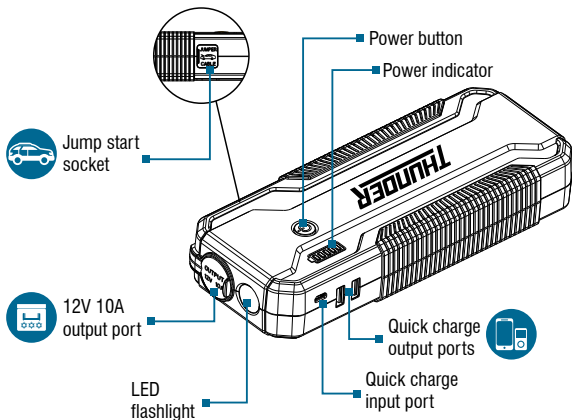
IMPORTANT SAFETY WARNINGS

1. Read the instruction manual carefully before using this unit.
2. Jump start 12V vehicles only as it would be hazardous for other vehicles. It is not recommended to use this unit with other machines such as aircrafts and boats.
3. Be cautious when using this unit.
4. **DO NOT** use this unit if any cable clamps or cords are damaged.
5. **DO NOT** use this in place of a vehicle battery.
6. **DO NOT** use this as a battery charger.
7. Never leave the unit connected to the battery after successfully starting the vehicle.
8. Only use the jumper cable provided with this unit.
9. Make sure the blue plug or the jumper cable is plugged fully into the jumping socket, otherwise the blue plug will melt.
10. Ensure the battery terminals are clean and battery clamps are well connected before jump starting your vehicle. If the battery terminals on the vehicle are dirty or corroded, it will weaken the power of this unit.
11. **DO NOT** jump start your vehicle more than 3 times in a row. This could overheat and damage the unit. Ensure you wait 2 minutes between each attempt. As a safety measure ensure you detach the jumping cable as this can cause the unit to overheat.
12. Remove the product from the vehicle battery within 30 seconds of jump starting your vehicle to avoid damages.
13. **DO NOT** connect the two clamps together.
14. Only attempt to jump start your vehicle when 3 or 4 indicator lights are on.
15. **DO NOT** allow a young or incapable person to use this unit.
16. **DO NOT** use this unit as a toy.
17. **DO NOT** allow this unit to become wet.
18. **DO NOT** immerse this unit in water.
19. **DO NOT** use or leave this unit around flammable liquids, gases or dust.
20. **DO NOT** attempt to modify or disassemble the Thunder 24,000mAh Jump Starter. Only a repair technician should repair this unit.
21. **DO NOT** leave or expose this unit to extreme heat or fire.
22. Ensure someone is nearby when using this unit in case of emergencies.
23. Ensure you remove all metal items including rings, bracelets and necklaces when using this unit.

IMPORTANT SAFETY WARNINGS (CONTINUED)

24. **DO NOT** drop the unit. If this unit is dropped or damaged in any way it must be checked by a qualified battery technician.
25. **DO NOT** store in locations where the temperature may exceed 70°C.
26. Only charge at ambient temperatures between 0°C and 60°C.
27. Only charge this unit using the charger provided.
28. **DO NOT** use the unit to jump start a vehicle while charging the internal battery.
29. If this unit is leaking liquid ensure you immediately dispose of this at a proper recycling facility.
30. Under extreme conditions, battery leakage may occur. If the unit is leaking liquid ensure you do not handle this with your bare hands. If your skin does come into contact with the liquid, wash it immediately with soap and water. If this liquid comes into contact with your eyes ensure you rinse your eyes with cold running water for at least 10 minutes and seek medical attention immediately.
31. This unit contains a lithium based battery and must be disposed of according to local regulations.

PRODUCT FEATURES



INCLUDED IN THE BOX

1 24,000mAh Jump Starter



2 Intelligent jumper cable



3 Multi USB connector



4 240V plug



5 Micro USB connector



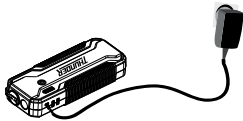
6 User manual x 1



CHARGING INSTRUCTIONS

Charging the Jump Starter

1. Plug the home adaptor into the 240V power socket.
2. Connect the micro connector to the quick charge input port.



Power Indicator

Press the power button to check the storage level of the Thunder 24,000mAh Jump Starter.

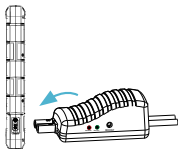
OPERATION						
Indicator	Unlit	1 solid	2 solid	3 solid	4 solid	5 solid
Storage Level	0%	20%	40%	60%	80%	100%

The indicators will flash one by one during the period of charging. The different number of solid indicators show different storage levels of the Thunder 24,000mAh Jump Starter. All indicator lights will turn off when the charging process has been paused or completed.

JUMP STARTING INSTRUCTIONS

Jump Starting 12V Vehicles

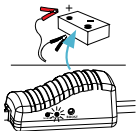
1. Connect the blue plug fully seated into the host, and make sure the cable indicator is off.
2. Connect the red clamp to the positive (+) battery terminal, and the black clamp to the negative (-) battery terminal.
3. Follow the instructions of the cable indicator as below.



CABLE INDICATOR INSTRUCTIONS

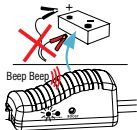
Green light on

This means the connection is correct and the circuit is working. You can turn on the engine to jump start your vehicle.



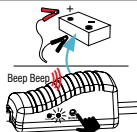
Red light on with buzzing noise

This means the connection is wrong. The buzzing noise is to alert you to adjust the clamps. Place clamps in the correct position as shown in step 2. Wait until the green light turns on before turning on the engine.



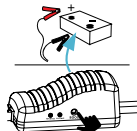
Green light blinking with buzzing noise

This means the vehicle battery is low. Press the 'boost' button and wait till the green light stops blinking and becomes solid. Ensure you turn the engine on within 30 seconds when the green light is solid.



No lights on and no buzzing noise

This means the vehicle battery may be damaged. Once you have confirmed the clamp connection is correct, press the 'boost' button and wait for the green light to turn on. Ensure you turn on the engine within 30 seconds.



4. Start the vehicle.
5. When the vehicle has been jump started, remove the jumper cable from the vehicle and leave the engine running.

POWERING DEVICES

Charging a Mobile Phone or Tablet

1. Plug the device cable to the quick charge USB output port.
2. Select the appropriate connector and connect it to your mobile phone or tablet.
3. Press the power button, it will recognise the device's suitable parameters, and will start to charge your device.

Power Supply to 12V Vehicle Products or 12V Electronics

1. Plug the optional cable with cigarette lighter plug into the 12V 10A output port.
2. Connect the device cable and 12V vehicle product or 12V electronics.
3. Press the power button to supply power to your device.

LED FLASHLIGHT INSTRUCTIONS

Press the power button and hold for 3 seconds to start the LED flash light. There are 4 different modes including normal, strobe, SOS and off. These modes appear in order and will change when you press the flash light button.



PRODUCT SPECIFICATIONS

SPECIFICATIONS	
Size:	237mm (L) x 95mm (W) x 42mm (D)
Weight:	780g
Battery Capacity:	24,000mAh (88.8Wh)
Output:	Dual quick charge (5V 2.4A; 9V 2A; 12V 1.5A), 12V 10A; 12V jump start
Input:	Quick charge (5V 2A; 9V 2A; 12V 1.5A)
Charging Time:	Approximately 5 hours
Start Current:	500A
Peak Current:	1,000A
Operating Temperature:	-20°C to +60°C

TROUBLESHOOTING

Problem

There is no response when pressing the power button.

Reason

This means there is a low voltage protection of the Thunder 24,000mAh Jump Starter.

Solution

Recharge the unit. Plug the adaptor into the quick charge input port.

FAQs

Q: How do I turn off my Thunder 24,000mAh Jump Starter?

A: It will automatically turn off when it has finished loading or when charging is complete.

Q: How long does it take to fully charge the jump starter?

A: Approximately 5 hours through the quick charge input.

Q: How many times can the jump starter charge my mobile phone?

A: This depends on the battery capacity of your mobile phone. For instance, the iPhone can be fully charged 10 times, however this may vary amongst different phones.

Q: How many times can this fully charged unit jump start my vehicle?

A: Approximately 40 times.

Q: What's the estimated lifetime of the Thunder 24,000mAh Jump Starter?

A: Approximately 3-5 years in normal conditions.

Q: How long can the Thunder Jump Starter be left unused and still jump start a car after charging?

A: 6-12 months, however it is advised to recharge the jump starter every 3 months.



Overcharge and
Overdischarge Protection



Fuse
Protection



Against-reverse
Plug

Applied Standard:
GB/T 18287-2000



WARRANTY

When you acquire or fit a Thunder product you have the peace of mind in knowing that it is backed by a comprehensive 12 month warranty against defects in materials and workmanship. The Thunder warranty is provided in addition to any rights you may have under the Australian Consumer Law.

All claims under this warranty should be made by returning the product to the place of purchase at your expense, with the detail of the fault, proof of purchase and fitment details. If we determine that a Thunder product is defective in materials or workmanship during the warranty period, we will either repair or replace the unit.

This warranty does not apply to failure or damage to a Thunder product caused by incorrect or faulty fitment, accidental or intentional damage, failure of other products, incorrect application, incorrect voltage, environmental damage, operation of the product outside of its environmental and technical specifications, or repair or modification carried out by anyone other than an authorised repairer.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

ADDITIONAL THUNDER PRODUCTS

60L FRIDGE/FREEZER
Part No. TDR02101



240 WATT FOLDING SOLAR PANEL
Part No. TDR15007



23L FRIDGE DRAWER
Part No. TDR02100



RECOVERY KIT
Part No. TDR04010



BATTERY BOX
Part No. TDR02007



THUNDER CAM
Part No. TDR17011



20 AMP DC-DC CHARGER WITH MPPT SOLAR REGULATOR
Part No. TDR02020



LOW PROFILE LED WORK LIGHT
Part No. TDR08109

