



USER MANUAL

Please read and understand this user manual carefully before each use.

Model: X-10



This model is designed as an external battery pack to recharge your 5V and 12V electronic devices, and as a source

of light. It can also be used as an emergency jump starter that can start 12V and 24V trucks.

WARNING

SAFETY INSTRUCTIONS

Working with batteries is dangerous.

They create explosive gases during operations. Please use safety gloves and goggles whenever working around batteries. Risk of electric shock or fire. Battery acid is very corrosive.

Read carefully these instructions carefully as well as your vehicle's battery user manual, before each use.

Pursuant to California Proposition 65, this product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after

handling.

- Wear appropriate safety equipment, including goggles and gloves
- Do not use the jump starting function if the unit is not fully charged
- Make sure the clamps' blue connector is well attached to the unit
- Never connect the Red Positive and Black Negative clamps together
- Do not try to open the unit. If damaged, call customer service or bring it to a qualified technician. Do not operate if damaged.
- Keep unit out of reach of children
- Only use in dry and well ventilated areas
- Do not operate this unit in a flammable area, and do not use

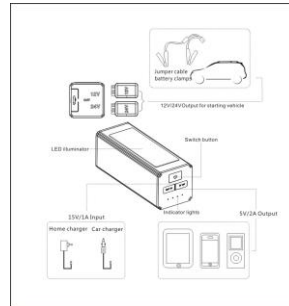
while battery of vehicle is charging

- Do not expose to heat or freezing temperatures
- Keep the unit fully charged to extend the life of the battery

After each use: Disconnect the unit immediately after the vehicle has started. Otherwise it might lead to the creation of gases and a risk of explosion

Do not try to start the vehicle for more than 5 sec. and more than 2 times.

A. Product layout



B. Part list

Power Bank	Home Charger	Car Charger
Jumper Cable	12V Output Converter	24V Output Converter
Clamps		

Only use supplied charger and accessories

C. Jump Starting Operations

Make sure you unit has enough power (4 indicator lights should be ON)

1. Check vehicle's voltage and select proper voltage converter.
2. Connect the Red Positive clamp to your battery, and then your Black negative Clamp to the chassis of your vehicle. *Only connect to a heavy gauge metal part of the frame that is grounded.*

Make sure the cables or unit are not on the way of a moving part.

3. Connect the clamps' terminal to the converter and the converter

to the jump starter

4. Start the car (*make sure you do not crank it for more than 5 seconds*)
5. Disconnect the converter first and then the clamps
6. Recharge the unit



Do not make more than 2 attempts and more than 5 seconds per attempt

D. Indicator Lights

Press the switch button to check the capacity of Jump starter

Indicator lights	1 Flashing	1 illuminating	2 illuminating	3 illuminating	4 illuminating
Battery capacity	0%	25%	50%	75%	100%

When charging, the indicator lights will flash one by one. The number of solid indicator lights indicates the battery capacity of Jump starter.

E. How to charge other digital devices

Please connect your USB cable to the USB port (5V/2A) of the unit and press the switch button.



F. How to use the LED illumination

Press the torchlight button for 4 seconds to activate the large LED panel. Press it again to turn on the strobe,

slow flash, fast flash or red/blue emergency function.

G. Specifications

SIZE: 183*65*65mm

Weight: 1040g

Output: 5V—2A ; 12/24V Jump Start

Input: 12V—2A

Full charging time: 7 hours

Peak current: 800A

Operating temperature: -10℃ -40℃

H. FAQ

Q: How to turn off this device?

A: This device will power off automatically when no load, or charging is complete.

Q: Can I Jump Start my vehicle if my car battery is missing?

A: Yes, you can insert a small pin on the side of the clamps for 5 seconds. The LED light will be solid afterwards
Make sure the clamps are not in contact with each other.

Q: How many times can we jump start a car when unit is fully charged?

A: It depends on the vehicles, temperature and state of the battery, but usually it is in between 3-10 times.

Q: How often should it be recharged?

A: For best results, we recommend keeping it in charge when not in use.

I. Trouble shooting:

Problem	Cause	Solution
No response when pressing the switch button	Low voltage protection of Jump Starter	Plug the charger into the 12V 1A input port to activate

J. Toxic and harmful substances:

Composition and amount of toxic and harmful substances in Jump Starter					
Pb	Hg	Cd	Cr(VI)	PBB	PBDE
0	0	0	0	0	0
0: Indicate all homogeneous materials' s hazardous substances content are below the MCV limit specified in the standard 2002/95/EC (RoHS)					

K. Warranty Information

1. 1 year limited warranty on manufacturing defects, on parts and labor only.
2. Warranty is only valid upon presentation of the original receipt.
3. Void if serial number, and/or labels have been removed from unit.
4. Does not cover damage or product failure resulting from normal wear and tear, physical abuse, improper installation, misuse, modifications or repairs by unauthorized third parties.

5. We are not responsible for any loss or damage incurred during shipment.
6. We are not responsible for any incidental or consequential damages arising from the misuse or abuse of the product.
7. All warranty claims are limited to repair or replacement of the defective item and at the sole discretion of the manufacturer.
8. If unit is replaced or repaired, it will be covered for the remaining time of the original warranty period. Repair or replacement may involve the use of reconditioned units which are equivalent in function.
9. Consumable components, such as battery or clamps are not covered by the warranty.

**For more information regarding
the warranty, please contact us per
email:**

info@energyflo.us

**or per phone: +1 954 889 18 33
(9AM-4PM EST)**

This unit can and should be
recycled.



Applied Standard: GB/T 18287-2000

