

ALPHA DIGITAL

CAR JUMP STARTER

USER MANUAL

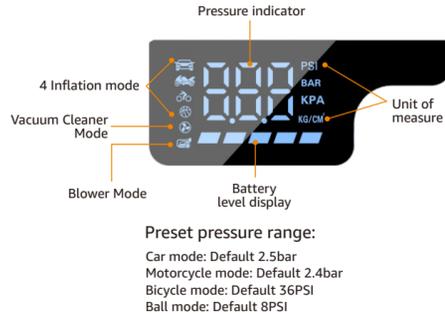


Model: A28
Please read the instructions carefully before using

PRODUCT DIAGRAM



LCD DIGITAL DISPLAY



PRODUCT SPECIFICATIONS

Applicable models: 12V Car
Type-C input: 5V ≐ 2A / 9V ≐ 2A
USB1 output: 5V ≐ 2A / 9V ≐ 2A / 12V ≐ 1.5A
USB2 output: 5V ≐ 2A
DC output: 12V~16.8V ≐ 10A
Inflation pressure: 3~150PSI(max)
Battery type: Lithium ion
Battery Capacity: 16000mAh
LED lumens: about 300LM
Charge cycles: 2000 times
Charging time: about 3~5 hours
Starting current: 1000A
Peak current: 3000A
Operating temperature: -4°F~140°F

PACKAGE INCLUDE



JUMP STARTER INSTRUCTION

Using Your Jump Starter

Step 1 – Prepare the Vehicle

- Make sure the vehicle is **turned off** and the keys are removed from the ignition.
- Ensure the clamps and cables are **dry and free of dirt or corrosion**.

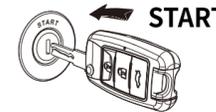
Step 2 – Connect the Jump clamps (accessory L)

1. Attach the **red clamp (+)** terminal of your car battery.
2. Attach the **black clamp (-)** terminal of your car battery.
3. The **Indicator light** on the jumper cable will turn **green** when the connection is correct and the unit is ready.



Step 3 – Start the Vehicle

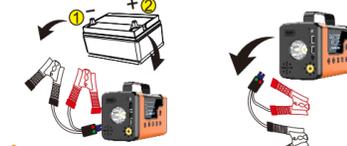
- Turn the ignition key or press the start button to start your car.
- If the engine does not start right away, wait a few minutes before trying again.



JUMP STARTER INSTRUCTION

Step 4 – Disconnect the Clamps

- Remove the **black clamp (-)** first.
- Remove the **red clamp (+)** second.
- After cool off, store the jump starter and clamps securely back into the storage case.



Notes:

- Under normal circumstances, you do **not** need to press the button on the smart jumper cable.
- If the clamps are securely connected but the indicator light does **not** turn green, press and hold the button for **5 seconds** to force the light to turn green.
- Once the light is green, proceed to start the vehicle.
- **Important:** The positive (+) and negative (-) terminals must **never be reversed**.

Safety Tips

- Do **not** allow the red and black clamps to touch each other.
- Keep away from flammable materials while jump starting.
- Only use the jump starter on **12V lead-acid batteries** (unless otherwise specified).
- Before using the **jump starter function**, ensure the unit's **battery level is at least 60%** to guarantee **effective performance** and reduces the risk of failed starts.

TIRE INFLATOR INSTRUCTION

Using the Tire Inflator

Step 1 – Connect

- Attach the **air tube** (accessory M, and any other valve N if needed) to the **air outlet** of the jump starter.
- Connect the other end securely to the **tire valve** (or appropriate inflation port for other items).



Step 2 – Power On

- Press the **Power (⏻)** button to turn on the jump starter unit.
- Press the **M** button to select the desired **inflation mode: Car mode, Motorcycle mode, Bicycle mode, Ball mode**.
- Long press the **M** button to change the **pressure unit** (PSI, BAR, KPA, etc.).



Step 3 – Set Pressure

- Use the **“+”** and **“-”** buttons to adjust the desired inflation pressure.
- **Inflation range:** 3 ~ 150 PSI (max).
- Press the **Power (⏻)** button again to begin inflation.



TIRE INFLATOR INSTRUCTION

Step 4 – Inflation

- The pump will **automatically stop** when the pre-set pressure is reached.
- You can also press the **Power (⏻)** button at any time to pause inflation.



Step 5 – Disconnect

- After inflation, allow the air tube to **cool down** before removing it.
- Store the air tube securely once cooled.

Attention / Safety Notes

- When switching between inflation modes, be aware that **residual air pressure may release**. Do not point the hose toward people, especially near the **eyes or ears**.
- Always ensure the **inflation hose is securely connected** before starting.
- During operation, the tube may become **very hot**.
- For safety, the device will **automatically shut off after 3 minutes** of continuous use to prevent overheating.
- If auto-shutdown occurs, allow the device to **cool completely** before storing or restarting.

VACUUM CLEANER MODE INSTRUCTION

Using as a Vacuum Cleaner

Step 1 – Connect accessories

Connect the jump starter with the **vacuum cleaner necessary parts A+C+D**, then connect desired vacuum hose/head like B or E+F+H or I or J.



Car Jump Starter + A + B + C + D



Car Jump Starter + A + C + D + E + F + H / I / J

Step 2 – Turn on the device

Press the **Power (⏻)** button to turn on the jump starter.

Step 3 – Switch to Vacuum/Blower mode

Press the **M** button to switch to **Vacuum Cleaner mode**.

Step 4 – Turn on vacuum

Press the **Blower (⏻)** button to turn the Vacuum Cleaner mode **ON/OFF**.

Safety Notes

- Do **not** point the air pump outlet toward **eyes or ears** while operating.
- Ensure the **air inlet and outlet are not blocked** during use.
- Empty or clean the vacuum attachment regularly to maintain suction performance.

AIR EXHAUSTER MODE INSTRUCTION

Using as an Air Exhauster

Step 1 – Connect accessories

Connect the **jump starter** with the necessary **air exhauster accessories A+C+D**, add any other tube or head as needed.



Car Jump Starter + A + C + D

Step 2 – Turn on the device

Press the **Power (⏻)** button to turn on the jump starter.

Step 3 – Switch to Vacuum/Blower mode

Press the **M** button to switch to **Air Exhauster mode**.

Step 4 – Turn on the exhauster

Press the **Blower (⏻)** button to turn the Air Exhauster mode **ON/OFF**.

Safety Notes

- Ensure all **connections are secure** before use.
- Do not block the **air outlet** while the device is running.
- Keep the outlet pointed **away from people, especially eyes and ears**.

BLOWER MODE INSTRUCTION

Using as a Blower

Step 1 – Connect accessories

Connect the **jump starter** with the necessary **blower accessories D+E+F**, add heads (H/I/J) as needed.



Car Jump Starter + D + E + F + H / I / J

Step 2 – Turn on the device

Press the **Power (⏻)** button to turn on the jump starter.

Step 3 – Switch to Vacuum/Blower mode

Press the **M** button to switch to **Blower mode**.

Step 4 – Turn on the blower

Press the **Blower (⏻)** button to turn the blower mode **ON/OFF**.

Safety Notes

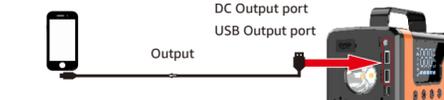
- Ensure all **connections are secure** before use.
- Do not block the **air inlet** while the device is running.
- Keep the outlet pointed **away from people, especially eyes and ears**.

CHARGE OPERATIONS

Using as a Power Source & Charging

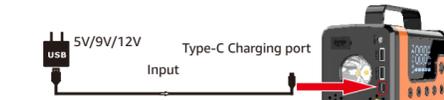
Using as a Temporary Power Source

- The jump starter can be used to charge your **phone** or other small **electronic devices**.
- Simply connect your device with a charging cable to one of the **USB output ports**, or the **DC output ports**, (For small appliances working in voltage range 12V-16.8V, maximum power not exceeding 168W).



Charging the Jump Starter

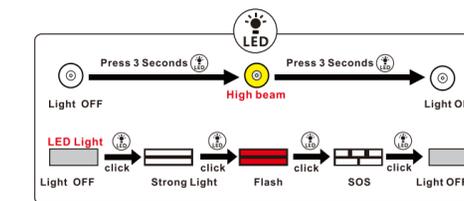
1. Use the **included charging cable and adapter**.
2. Connect the cable to the **Type-C charging port** of the jump starter.
3. Plug the adapter into a suitable power source to begin charging.



Safety Notes

- Do **not** use **inferior chargers**; always ensure the charger matches the required parameters.
- Keep the device away from **high temperature, humidity, clutter, and explosive environments**.
- Do **not** connect **incompatible devices** while the jump starter is in output mode.
- Improper use may cause **safety hazards or damage** to the device and connected equipment.

LED LIGHT OPERATION



Steps to Use

1. High Beam Mode

- Press and hold the **LED (⏻)** button for **3 seconds** to turn on the **high beam**.
- Press and hold the **LED (⏻)** button again for **3 seconds** to turn the light **OFF**.

2. Multi-Mode Lighting

- Press the **LED (⏻)** button **once** to turn on the **strong light**.
- Press the **LED (⏻)** button **again** to switch to **Flash mode**.
- Press the **LED (⏻)** button **again** to switch to **SOS flashing mode**.
- Press the **LED (⏻)** button **once more** to turn the light **OFF**.

Notes

- The LED light modes cycle in order: **Strong → Flash → SOS → OFF**.
- Holding the **LED** button for 3 seconds always controls the **High Beam ON/OFF** function.
- For longer use, avoid continuous operation in **High Beam mode** to reduce battery drain.

GENERAL SAFETY PRECAUTIONS

1. Age Requirement

- This product may be operated by individuals aged **8 years and older**.
- Users must **read the instructions carefully** before use to fully understand potential risks.

2. User Responsibility

- Within the designated working area, users are **responsible for any damage or injury** caused by improper use.
- Always exercise caution and follow all safety guidelines.

3. Safe Operation

- Never direct the device toward **yourself or others** during operation.
- Maintain a safe distance from **ears and eyes** to avoid risk of injury.

4. Supervision

- Do **not** leave the device **unattended** while it is operating.

5. Inflation Safety

- **Inflatable articles may burst** if over-pressurized. Always follow the **compressor instructions** carefully.
- Switch **OFF** the compressor before reaching the **maximum permissible pressure** to ensure safe operation.

6. Storage

- Store the device in a **dry location**, away from moisture.
- Keep out of reach of **children** to prevent unauthorized use.

SUPPORT

For any support or comments concerning our products, please send an email to: service@sungale.com or toll free number in the USA: 800-473-5156