



*COMPACT Jump
Start
& Power Supply*

OWNER'S MANUAL



PRODUCT LAYOUT

Welcome

Thank you for choosing an Aerpro product. We are dedicated to providing products that represent both quality and value. Please read the Owner's Manual carefully before using this product.

Packing List

- AP12000J COMPACT JUMP STARTER
- Premium Protection Cables
- 12V DC Car Adapter
- Home AC Adapter
- 4 in 1 USB charging cable
- 19.1V PC charging adapters
- Storage Bag
- Owner's Manual

Feature Description



WARNINGS AND SAFETY GUIDELINES

Please read these safety instructions, operating instructions, and warnings before charging or using your **COMPACT JUMP STARTER**.

 **Explosion Hazard - USE ONLY IN WELL VENTILATED AREAS.** The jump start cable clamps MUST be connected in correct polarity ~ **RED** clamp to the battery Positive (+) and **BLACK** clamp to the battery Negative (-) terminals, making sure they have a good connection. A reverse polarity connection (positive to negative) can cause damage to the **COMPACT JUMP STARTER** and/or create a sparking/explosion hazard.

 **Fire Hazard** - Do not crush, puncture or damage the **COMPACT JUMP STARTER**.

Never allow the jump start clamps to touch each other or another common metal conductor. This could cause damage to the unit and/or create a fire hazard. Always disconnect the jump start cables from the **COMPACT JUMP STARTER** after each use and store separately.

 **Burn Hazard - Keep away from children.** Do not insert foreign objects into the jumper cables port/jack, the USB output port, or the DC input jack. Do not expose this product to water, rain, snow, condensation, or spray. Do not open the **COMPACT JUMP STARTER** to replace the internal battery. *There are no user replaceable parts inside the COMPACT JUMP STARTER.*

Additional Warnings

1. Keep the unit clear of fire and water.
2. **USE ONLY THE AEPRO PREMIUM PROTECTION CABLES.** Use of other cables may result in damage to the **COMPACT JUMP STARTER**, fire, personal injury and damage to vehicle or property.
3. If at any time you witness **COMPACT JUMP STARTER** starting to swell, smoke, or become hot to the touch, **DISCONNECT THE COMPACT JUMP STARTER AND DISCONTINUE USE IMMEDIATELY.** Move **COMPACT JUMP STARTER** to a safe place away from combustible materials and safely observe it for approximately 15 minutes as a battery can still ignite after 10 minutes.

CAUTIONS - PLEASE READ

Cautions

1. The **COMPACT JUMP STARTER** is intended for use on a discharged, but otherwise capable battery. It will not work on a battery that has developed a shorted cell or become damaged. If vehicle cannot be jump started, have battery tested and/or replaced.
2. Before attempting to start 12V vehicle, please make sure at least 3 LED lights are illuminated on **COMPACT JUMP STARTER** when pressing the power button.
3. Always use **COMPACT JUMP STARTER** in a well-ventilated area and keep **COMPACT JUMP STARTER** away from children, fire, water, explosive gasses, and combustible materials.
4. **DO NOT CRANK IGNITION FOR MORE THAN 3 SECONDS.** Cranking for more than 3 seconds may cause damage to the unit. If vehicle does not start, wait 1 minute before trying again. The jump-start feature is designed for short term operation only. Refer to page 8 for additional information.
5. If **COMPACT JUMP STARTER** becomes warm to the touch during use, disconnect **COMPACT JUMP STARTER** from the cables and allow to cool before reattempting to start the vehicle.
6. When charging **COMPACT JUMP STARTER**, please place on a hard surface and keep away from combustible materials. Please don't leave unattended while charging.

BATTERY PRECAUTIONS

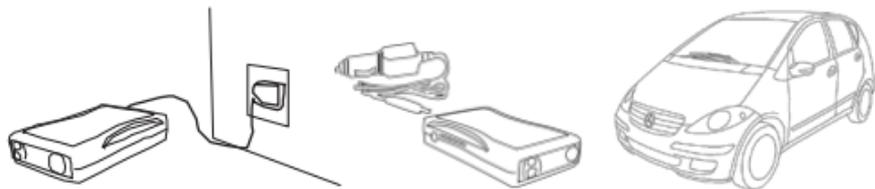
- 1. Lithium Polymer batteries are volatile.** Failure to read and follow the use and operating instructions may result in fire, personal injury and damage to property if charged or used improperly. Li-Polymer battery may explode and cause fire if misused or defective. Please follow our jump starting Instructions exactly which are listed in the Owner's Manual, label on the **COMPACT JUMP STARTER**, and the information card included.
- 2.** Never allow a metal tool to concurrently touch the positive and negative cable ends or battery terminals.
- 3.** Be sure someone is close enough to come to your aid when working with batteries.
- 4.** If you need to remove a vehicle battery, always remove the negative terminal from the battery first. Make sure all accessories are off so you don't cause an arc.
- 5.** When working with lead-acid vehicle batteries, have ample water, soap and baking soda on hand in case of skin contact with battery acid.
- 6.** The **COMPACT JUMP STARTER** is supplied with an internal rechargeable Li-Polymer battery.

This battery is self-contained and not consumer replaceable. Battery must be disposed of properly when it no longer holds a charge. Proper charging practices will increase the life of the batteries.

CHARGING

Charging the **COMPACT JUMP STARTER**

1. Plug the home adaptor into a 100-240V AC outlet of the proper plug type.
 2. Connect the other end of the home adaptor to the 12V DC IN Charging Port.
- or-
1. Plug the car adaptor into the socket of the vehicle aux power.
 2. Connect the other end of the car adaptor to the 12V DC IN Charging Port.
(Refer to NOTE 3 below)



Indicator Lights

Press the power button to check the level of the **COMPACT JUMP STARTER** battery. Number of lights ON indicate percentage of charge available.
(1=20%, 2=40%, 3=60%, 4=80%, 5=100%)

NOTES:

1. The **COMPACT JUMP STARTER** should be charged before initial use. Place on a hard surface and keep away from combustible materials. Please don't leave unattended while charging.
2. A minimum of 3 indicator lights must be illuminated before attempting to jump start a vehicle.
3. The **COMPACT JUMP STARTER** will flash all 5 battery indicators simultaneously and provide an audible beep if the input charging voltage is too low or too high.
4. Periodic charging every 3-4 months is recommended when **COMPACT JUMP STARTER** is being stored for long periods of time.

CHARGING

- When charging, the LED indicator lights will sequentially flash. The percentage of charge completed is indicated by the number of solid lights as charging progresses. The **COMPACT JUMP STARTER** is fully charged when all lights are solid.



- If during charging **COMPACT JUMP STARTER** begins beeping and stops charging **IMMEDIATELY DISCONNECT COMPACT JUMP STARTER FROM POWER SUPPLY AND DISCONTINUE USE.** Refer to FAQ's.
- When charging do not leave unattended especially overnight.
Once fully charged unplug to avoid over charging.

For Charging / Powering Devices Using USB Port

- Plug the USB cable of the device into the USB output port of the **COMPACT JUMP STARTER.**
- Press the **COMPACT JUMP STARTER** power button to initiate charging/ power to the attached device.

JUMP STARTING

⚠ WARNING

⚠ Explosion Hazard - USE ONLY IN WELL VENTILATED AREAS. The jump start cable clamps **MUST** be connected in correct polarity ~ **RED** clamp to the battery Positive (+) and **BLACK** clamp to the battery Negative (-) terminals, making sure they have a good connection. A reverse polarity connection (positive to negative) can cause damage to the **COMPACT JUMP STARTER** and/or create a sparking/explosion hazard.

⚠ USE ONLY THE AEPRO PREMIUM PROTECTION CABLES. Use of other cables may result in damage to the **COMPACT JUMP STARTER**, fire, personal injury and damage to vehicle or property.

For Jump Starting 12V Vehicle

1. Before attempting to start 12V vehicle, please make sure at least 3 LED lights are illuminated on the **COMPACT JUMP STARTER** when pressing the power button.
2. Connect the Red clamp to the battery Positive (+) and Black clamp to the battery Negative (-) terminals, making sure they have a good connection. **WARNING: REVERSING THE CONNECTIONS MAY RESULT IN DAMAGE TO THE COMPACT JUMP STARTER, FIRE OR PERSONAL INJURY.**
3. Insert the blue connector firmly into the Jump Start port. (If below 0° C, please allow a few minutes before starting the vehicle)
4. Start the vehicle. **CAUTION: DO NOT CRANK IGNITION FOR MORE THAN 3 SECONDS.** If vehicle does not start, wait 1 minute before trying again.
5. Once vehicle is started, unplug the blue connector from **COMPACT JUMP STARTER** and then remove the battery clamps.



JUMP STARTING

CAUTION: The jump start feature is designed for short term operation only. Turn the ignition key for **no more than 3 seconds** at a time. Operating the jump start feature for more than **3 seconds** may cause damage to the unit. Allow the **COMPACT JUMP STARTER** to cool down for at least 1 minute after each jump start attempt.

CAUTION: NEVER press the cable RESET button before having the cables properly connected to the vehicle battery. Failure to follow proper connection sequence outlined in JUMP STARTING section of this manual **MAY RESULT IN DAMAGE TO COMPACT JUMP STARTER, TO THE VEHICLE, OR PERSONAL INJURY.** Always disconnect the jump start cables from the **COMPACT JUMP STARTER** after each use and store separately.

The Premium Protection Cables provided have a built-in feature that prevents cranking for more than 3 seconds and will automatically enter a 60 second rest period between cranking attempts (indicated by cable LED blinking GREEN).

After 5 consecutive starting attempts, the protection cables must be reset by pressing the **RESET** button before another starting attempt can be made. If **COMPACT JUMP STARTER** becomes warm to the touch, disconnect **COMPACT JUMP STARTER** from the cables and allow it to cool before reattempting to start the vehicle. Please refer to Protection Cable Operation on pages 10 & 11 for additional information.



COMPACT JUMP STARTER Premium Protection Cable Operation

LED Status		Condition Description	Action
GREEN	Solid	<i>COMPACT JUMP STARTER</i> voltage above 11V, vehicle battery above low limit threshold, and cable polarity correct. <i>NOTE: If no starting attempt is made within 2 mins of connection to vehicle battery: a) light will remain GREEN. b) light will change to fast blinking AMBER (see below). c) light will change to solid AMBER (see below).</i>	Vehicle may now attempt to be started.
GREEN	blinking	Starting current detected for maximum 3 seconds, then enters 60 second rest period, with no current output allowed.	After 60 seconds, LED will indicate status. <i>NOTE: If no starting attempt was made, cables detected a heavy load from vehicle system indicating a defective/damaged vehicle battery or vehicle system issue which must be resolved before using COMPACT JUMP STARTER. Have vehicle battery tested and/or replaced.</i>
GREEN	fast blinking	After 5 consecutive starting attempts of 3 sec cranking/60 sec rest cycle, no current output allowed.	Press RESET button to initiate another 5 starting attempt cycles.

COMPACT JUMP STARTER Premium Protection Cable Operation

AMBER	solid	<p>COMPACT JUMP STARTER voltage is lower than 11V (3 bars or less on COMPACT JUMP STARTER). No current output allowed and RESET button disabled.</p>	<p>Fully charge COMPACT JUMP STARTER before attempting to start vehicle.</p>
AMBER	fast blinking	<p>COMPACT JUMP STARTER voltage is above 11V (3 bars or more on COMPACT JUMP STARTER), vehicle battery not detected. No current output allowed.</p> <p><i>NOTE: Clamps are not connected to vehicle battery or vehicle battery is below low limit threshold.</i></p>	<p>Check for secure battery cable/clamp connections to vehicle battery. If AMBER light continues to fast blink, press RESET button for vehicle battery "system check". NOTE: A vehicle battery below low limit threshold may need to be recharged or replaced.</p>
AMBER /GREEN	alternating blinking	<p>Indicates 3 second vehicle battery "system check" in progress after pressing RESET button when properly connected to a vehicle battery.</p>	<p>After "system check", LED will return with system status confirmation. Refer to listed LED Status for further actions.</p>
RED	fast blinking	<p>COMPACT JUMP STARTER voltage is above 11V, cables connected in reverse polarity or vehicle battery short detected. No current output allowed and RESET button disabled.</p>	<p>Disconnect cables from COMPACT JUMP STARTER and remove clamps from vehicle battery. Connect clamps to vehicle battery in correct polarity (positive-to-positive/negative-to-negative) and then reconnect cables to COMPACT JUMP STARTER to reset. NOTE: Source of problem must be resolved before reattempting to start vehicle using COMPACT JUMP STARTER.</p>

FLASHLIGHT FUNCTION

Flashlight LED Illumination

Press and hold the power button for 3 seconds to initiate the flashlight. Once the flashlight is on, a press and release of the power button will change to an alternate mode of operation in the order listed below. To shut the flashlight off, you must cycle through the selections.



FLASHLIGHT BEACON STROBE SOS OFF

FREQUENTLY ASKED QUESTIONS

Frequently Asked Questions

Q: What may the *COMPACT JUMP STARTER* be used to jump start?

A: The *COMPACT JUMP STARTER* is for use on single battery 12V systems like **GARDEN TRACTORS, ATV's, BOATS, MOTORCYCLES** and **PASSENGER VEHICLES** (Up to 6 litres, Diesels up to 4.5 litres.)

Q: How to turn off the *COMPACT JUMP STARTER*?

A: The *COMPACT JUMP STARTER* will power off automatically when no load or charging is detected

Q: How many times can the *COMPACT JUMP STARTER* charge my mobile phone?

A: Approximately 7 times depending on phone

Q: How long will the *COMPACT JUMP STARTER* take to fully charge my mobile phone?

A: 1-2 hours depending on phone

Q: How many times can a fully charged *COMPACT JUMP STARTER* start the vehicle?

A: 10 times or more depending on vehicle

Q: How long will the *COMPACT JUMP STARTER* hold a charge?

A: The *COMPACT JUMP STARTER* will hold a charge up to 1 year (refer to Charging Section in manual)

FREQUENTLY ASKED QUESTIONS

Q: Why does the *COMPACT JUMP STARTER* stop charging and begin beeping?

A: The *COMPACT JUMP STARTER* has detected a problem with charging and has discontinued charging as a safety precaution. Press and hold the power button for 10-30 seconds to force the continuation of charging and possibly correct the detected charging issue. After pressing and holding the power button, disconnect the charger from the wall and the *COMPACT JUMP STARTER* to reset. Reconnect charger to allow the unit to begin charging normally – **HOWEVER** – if after this process the unit again discontinues charging and begins to beep, **IMMEDIATELY DISCONNECT COMPACT JUMP STARTER FROM POWER SUPPLY AND DISCONTINUE USE.**

NOTE: Pressing and holding the power button will cause the flashlight to turn ON which is normal. After disconnecting charger, the flashlight may be turned OFF before reconnecting

Q: Why does the *COMPACT JUMP STARTER* not indicate charging when using a vehicle power port adapter?

A: Start the vehicle to provide adequate voltage for charging (refer to page 6)

Q: How do I dispose of the *COMPACT JUMP STARTER* when it reaches end of service life?

A: The *COMPACT JUMP STARTER* contains a rechargeable Lithium Polymer (LiPo) battery pack.

This battery pack is self-contained and is not replaceable. Refer to page 5 for battery disposal information

SPECIFICATIONS

SPECIFICATIONS

SIZE: 161.4mm x 91mm x 37mm

WEIGHT: 556g

BATTERY CAPACITY: 44.4 Wh **OUTPUT:**

5V=2.4A shared dual USB port

12V=HIGH CURRENT **OUTPUT**

19.1V =3.42A **OUTPUT**

FULL CHARGING TIME: 5 hours

***STARTING CURRENT:** 250A (< or = 3 second)

***PEAK CURRENT:** 500A (inrush current)

OPERATING TEMP (Charge): 0°~ 40°

OPERATING TEMP (Discharge): 12V = -20°~ 60° C

19.1V & 5V = -20° ~ 40° C

LIFETIME: >1000 Cycles depending on usage

TECHNICAL ASSISTANCE

If you need assistance setting up or using your Aepto product now or in the future, call Aepto Support.

Australia

TEL: 03 – 8587 8898

FAX: 03 – 8587 8866

Mon-Fri 9am – 5pm AEST

Please retain this user guide for future reference

