



POWERALL

PORTABLE POWER BANK
BATTERY JUMP STARTER
LED FLASHLIGHT

OWNER'S MANUAL

Thank you for purchasing the Powerall. Before operating your new device, please read this owner's manual carefully. This manual will inform you of the Powerall's specifications and proper operation procedures, safety warnings and other useful information.

Product Layout

Main Unit



Accessories



**Actual product and accessories may slightly vary from the pictures shown above.*

Battery Capacity LED Indicator

Press the Power button lightly to check the remaining battery capacity.

Indicator lights	5 OFF	5 Flashing	1 Solid ON	2 Solid ON	3 Solid ON	4 Solid ON	5 Solid ON
Battery Capacity	0%	10%	20%	40%	60%	80%	100%

While the Powerall is being charged, the indicator lights will flash one by one until it's at maximum charge (All 5 indicator lights will stay on when the Powerall is fully charged).

How to Jump Start a Vehicle Battery:

1. Make sure the battery capacity of the Powerall is above 50% (At least 3 indicator lights stay ON).
2. Connect the jump start cable to the drained battery of the vehicle. Connect red clamp to the positive "+" terminal and black clamp to the negative "-" terminal.
3. Connect the jump start cable to the proper socket of the Powerall.
4. Now attempt to crank start the engine. If engine does not start, wait at least 10 seconds before attempting to start the engine again.
5. **Disconnect the jump start cable from the Powerall within 10 seconds after the engine has been successfully started.**

Recommended Vehicle Engine Displacements for Jump Starting:

Gas powered vehicles – 4.0 displacement

Diesel powered vehicles – 3.0 displacement

Petrol powered vehicles – 4.0 displacement



⚠ WARNING! Do not touch the red and black clamps together or connect both to the same piece of metal to prevent physical injury and damage to the vehicle.

Do not use the jump start cable for any other purpose other than jump starting the vehicle.

KEEP AWAY FROM CHILDREN AT ALL TIMES!

How to Turn On the LED Light:

Press and hold the Power button for 3 seconds to turn on the LED light. Once the LED light is turned on, pressing the power button will cycle through additional modes.

(Solid light → Strobe light → SOS flashing → OFF)

Charging Mobile Electronic Devices

The Powerall has two 5V USB ports and includes one USB adapter cable with multiple types of charging adapter plugs for various different electronic devices.

How to Charge Electronic Device:

1. Make sure the electronic device is 5V powered.
2. Connect the USB adapter cable to one of the USB ports on the Powerall.
3. Attach the compatible charging adapter plug to the supplied USB adapter cable and plug into the electronic device.
4. Press the Power button to start charging the electronic device.

NOTE: Both USB ports can be used to charge two separate electronic devices together at the same time. Either USB ports will accept standard USB cables included with your electronic device.

How to Charge the Powerall:

Use only the supplied AC adapter or the DC adapter to charge the Powerall.



WARNING! Any other chargers may cause possible damage and or reduce the service life of the Powerall.

Specifications

Battery Capacity: 12000 mAh

Battery Life Cycles: >500

Outputs: 2 x 5V / 2.1A, 1 x 12V / 10A

Input: 12V / 1A

Jump Start Current: 200 - 400A

Dimensions: 165 x 75 x 30mm (6.5 x 2.9 x 1.2in)

LED Lifespan: 100,000 hours

LED Energy: 1w

LED Lumens: 86 Lm

FAQ

Q: What are the main features of the Powerall?

A: The Powerall is mainly used to charge portable electronic devices, such as mobile smartphones, tablets, portable gaming systems, digital cameras, camcorders, Bluetooth headsets, portable GPS devices, and any other DC 5V powered electronic devices. It can also jump start a drained car battery with the supplied jump start cables. There's also an included ultra-bright LED light that can be used as a flash light or SOS signal flashing light.

Q: How to turn on and off the LED light?

A: Press and hold the Power button for 3 seconds to turn on the LED light, then press the Power button to switch between different illumination modes.

Q: How to turn off the Powerall?

A: The Powerall has an auto turn-off feature. Once the connected electronic device has been fully charged, the Powerall will automatically stop charging and enter into sleep mode.

Q: How long will it take to fully charge the Powerall to maximum capacity?

A: 2-3 hours. Depending on the current battery charge indicator.

Q: Will reversing polarity connections of the jump start cable damage the vehicle?

A: No, the Powerall is very safe with comprehensive protection. If you accidentally connect the red and black cable clamps to the wrong polarity terminal and attempt to jump start the vehicle, the fuse will be blown and will cut the power immediately to prevent injury and avoid damaging the vehicle.

Q: What if it doesn't jump start the vehicle?

A: If the Powerall fails to jump start the engine, please wait at least 10 seconds before attempting to try again. It is also highly recommended to replace the vehicle battery once every 2 or 3 years.

Q: How long will it take to fully charge a mobile phone?

A: Usually it will take about 2 hours as the output current can reach 2A, which is much faster than the original factory chargers that are usually supplied with the mobile phone.

Q: How many times can the Powerall jump start a vehicle?

A: Approximately 20 times with a 100% fully charged battery. Results may vary depending on owner usage and vehicle engine displacement.

Q: How long is the Powerall's standby time?

A: The typical standby time of the Powerall is 3 months fully charged. It is recommended to charge the Powerall once every 3 months to prolong its service life. Results may vary depending on owner usage.

 **Safety Warnings**

Failure to obey the safety warnings may result in electrical fire, electrical shock and damage to your vehicle.

1. Do NOT throw or apply physical shock to the product and NEVER attempt to disassemble the product. Keep the product away from fire, heat, and water. Use only the supplied AC adapter and DC adapter to charge the product. If the product appears abnormal in shape, immediately stop usage and disconnect all electronic devices.
2. Keep the product away from children at all times. The product is NOT a toy for children to play with.
3. Never allow the cable clamps to touch each other or connect to the same piece of metal to prevent physical injury and damage to the vehicle.

Trouble Shooting

Problem	Cause	Solution
The 5 indicator lights of the Powerall are turned on while charging, but the Powerall is NOT at maximum battery capacity.	The Powerall is at about 60% battery capacity due to long term storage without use.	Unplug the charging adapter, and re-plug it back into the recharging port (DC 12V input port).
There is no response when pressing the Power button on the Powerall.	The Low Voltage Protection is activated and the electronic circuit has been shut off.	Plug the charging adapter into the recharging port (DC 12V input port) to activate the electronic circuit.
The battery drains very quickly on the first use out of the box.	The battery requires a full charge prior to use.	Perform a full battery drain and charge for a full 12 hours without use.

Protection



Over Current Protection



Short Circuit Protection



Overload Protection



Over-Voltage Protection



Over-Charge Protection

Toxic and Harmful Substances

Composition and amount of toxic and harmful substances in the Powerall					
Pb	Hg	Cd	Cr (VI)	PBB	PBDE
o	o	o	o	o	o
o : Indicates all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC(RoHs).					

- The product should NOT be submerged in water, exposed to rain or moisture. Do NOT allow the product or accessories to get wet when in use or storage.
- Do NOT modify or disassemble the product.
- Keep the product away and out of the reach of children at all times.
- Do NOT expose the product to fire or intense heat as it may explode.
- Do NOT reverse polarity connections.
- Do NOT throw or apply physical shock to the product.
- Keep the product away from all combustible materials such as carpet when the product is being used.
- Only charge the product at temperatures between 32°F to 140°F.
- Only charge the product using the supplied charging adapters.
- If there are any problems with the product or malfunction occurs during usage, immediately stop operation.
- If corrosive liquid seeps from the product and comes in contact with your eyes, immediately wash your eyes with running water and consult with a doctor.
- If corrosive liquid seeps from the product and comes in contact with your skin, immediately wash thoroughly with soap and water.

Terms of Standard Limited Warranty (Non-Transferable)

Gryphon Mobile Electronics, LLC (Gryphon) warrants to the original retail purchaser that the Powerall purchased from a Gryphon authorized retailer are free from defects in materials or workmanship under normal use and conditions for a period of six (6) months from the date of retail purchase. Accessories, charge adapters, AC adapter and DC adapter, and jump start cable are warranted for a period of thirty (30) days from the date of retail purchase. A sales receipt with product serial number(s) and date of purchase are required to verify proof of purchase. To activate the six (6) months Limited Warranty coverage you are required to complete the registration portion of the warranty card and mail along with proof of purchase to Gryphon Mobile Electronics, LLC. Address: 489 Yorbita Rd. #A, La Puente, CA 91744 within thirty (30) days from the date of retail purchase. Failure to complete the warranty registration card and return to Gryphon in the time specified in this document will limit the warranty of the product to only a maximum of thirty (30) days from the date of retail purchase.

Should the product be determined defective during the applicable warranty period, the defective product will be repaired or replaced with a reconditioned product, at the sole discretion of Gryphon. To obtain warranty service, the product must be returned to Gryphon along with proof of warranty coverage.

This Limited Warranty will not cover the following:

- The Limited Warranty is only for the original purchaser of the product and is not transferable.
- This Limited Warranty will only cover the product and does not cover accessories supplied with the product.
- Any and all damages to electronic devices and any other personal property.
- Any and all cosmetic damages and/or damages due to negligence, misuse, abuse, failure to follow operating instructions, accidental spills or customer applied cleaners.
- Any and all damages or loss due to environmental causes such as floods, airborne fallout, chemicals, salt, hail, windstorms, lightning, or extreme temperatures.
- Any and all damages or loss due to accidents, road hazards, fire, theft, or vandalism.
- Any and all damages due to improper installation or connection, improper connection to equipment of another manufacturer, modifications of existing equipment, faulty usage, improper cleaning of the product.
- Any and all product(s) that have been opened, tampered with, serial number and/or "QC" label removed, erased, defaced, or altered in any way for any reason or which have been damaged due to alteration or service performed by anyone other than Gryphon.

No other warranties expressed or implied

Except as expressly set forth in this Limited Warranty, Gryphon makes no other warranties, expressed or implied, including any implied warranties of merchantability and fitness for a particular purpose. Gryphon expressly disclaims all warranties not stated in this Limited Warranty. Any implied warranties that may be imposed by law are limited to the terms of this expressed Limited Warranty.



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