

4 Patriots®

PATRIOT POWER SIDEKICK® USER MANUAL



Scan Me!



Join our 4Patriots Text Club for...

- ✓ Early Access to Events
- ✓ Exclusive Deals & Discounts
- ✓ PLUS a FREE Mystery Gift!

IMPORTANT SAFETY INFORMATION

Risk of fire, electric shock, or serious injury.

**PLEASE READ THIS ENTIRE MANUAL
BEFORE OPERATING THIS UNIT.**

The Patriot Power Sidekick provides safe, silent, and renewable electric power for emergencies, work, and recreation. For your safety, carefully follow all instructions and warnings in this manual. Failure to do so could result in serious injury or death.

SAFETY INSTRUCTIONS:

- **Avoid dangerous environments.** Do not charge or use this unit in rain, snow, or damp conditions. Do not use this unit in areas with explosive atmospheres (such as gaseous fumes, dust, or flammable materials) as sparks may occur during charging or discharging, potentially causing a fire.
- **Supervise use around children.** Close supervision is required when this unit is used near children.
- **Keep hands clear.** Do not place fingers or hands inside the unit.
- **Use only approved accessories.** Attachments not recommended or sold by 4Patriots may cause fire, electric shock, or injury.
- **Disconnect properly.** When unplugging, pull on the plug rather than the cord to avoid damage.
- **Do not use damaged or modified batteries.** Such batteries may behave unpredictably, leading to fire, explosion, or injury.
- **Charge safely.** Charge only in a well-ventilated area with temperature between 32°F and 104°F (0°C to 40°C). Keep at least 6 inches of clearance around the vents. Do not smoke or use open flames near a charging battery while charging. Use caution outdoors, as the surface of the unit may become very hot. Handle with care.
- **Keep away from heat and fire.** Do not expose to high temperatures. Exposure to temperatures above 266°F (130°C) may cause explosion and release toxic fumes.
- **Prevent physical damage.** Do not crush, drop, pierce, or otherwise damage the unit. Do not use if the unit has been dropped, hit, punctured, run over, or subjected to sharp impact.
- **Inspect cords and connections.** Before connecting to the unit, check all cords and plugs. Do not use with damaged cables, plugs, or output connections.

- **Reduce electric shock risk.** Unplug from the outlet and wait at least 2 minutes before attempting any instructed cleaning.
- **Do not disassemble.** There are no user serviceable parts. Repairs must be performed by a 4Patriots technician. Opening the unit voids the warranty and increases the risk of electric shock, fire, and chemical exposure.
- **Avoid contact with battery chemicals.** Never tamper with, puncture, ignite or short-circuit battery cells. Damaged cells may vent smoke. Should this occur, do not inhale. Contact 4Patriots immediately for disposal or return instructions.
- **Prevent short-circuits.** Keep metal objects (such as coins, keys, or nails) away from AC or DC output ports. Short circuiting can cause fire or injury.
- **Never charge or jump-start a frozen battery.**
- **Store properly.** Keep in a cool, dry place. Do not store for more than 10 days in environments above 120°F (49°C), such as direct sunlight, vehicles, or metal buildings during the summer.
- **Intended use.** This unit is intended for personal, non-commercial use only.
- **Power capacity.** This unit can power all AC, DC, and USB outlets simultaneously, provided the maximum power limits (see page 11) are not exceeded.
- **Charging connections.** Use ONLY the provided cable to connect directly to a wall outlet. Do not use extension cords, power strips, or outlet extenders.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

GROUNDING INSTRUCTIONS

This unit must be grounded when charging. Grounding provides a safe path for electrical currents in the event of a malfunction to reduce the risk of electric shock. The included power cord is equipped with a grounding conductor and plug. The plug must be connected to an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING:

Improper connection of the equipment grounding conductor may result in electric shock. If you are unsure whether the product is properly grounded, consult a qualified electrician. Do not modify the plug provided. If it does not fit the outlet, have a qualified electrician install the correct outlet.

PART IDENTIFICATION

1. AC POWER SWITCH
2. MAIN POWER SWITCH
3. LCD DISPLAY
4. FLASHLIGHT SWITCH
5. PURE SINE WAVE AC OUTPUT
6. USB-C #1 INPUT/OUTPUT
7. USB POWER SWITCH
8. USB 1 & 2 OUTPUTS
9. USB-C #2 OUTPUT
10. DC POWER SWITCH
11. 12V DC BARREL OUTPUTS
12. 12V SOCKET OUTPUT
13. AC INPUT PORT
14. SOLAR BARREL INPUT PORT
15. SOLAR INPUT PORT
16. LED FLASHLIGHT
17. CHARGING CORD STORAGE
18. AC CHARGING CORD
19. CAR CHARING CORD



PRODUCT USE INSTRUCTIONS

The Patriot Power Sidekick works like an oversized rechargeable battery. You must first charge it before using it to power/charge your electronics. Once the unit runs out of power, recharge it before using it again.

CHARGING THE POWER UNIT

From a Wall Outlet:

1. Plug the provided charging cable into the AC input port wall outlet.
2. Monitor the charging status on the LCD display.
3. Disconnect when fully charged.

WARNING: Do not use an extension cord, powerstrip, or outlet extender to charge the unit.

From the Portable Solar Panel:

1. Place the panel in direct sunlight.
2. Connect the output cable from the solar panel to the matching Solar Input Port on the side of the unit. **Note: to use the Anderson-Compatible input port, match red to red and black to black.*
3. Monitor the charging status on the LCD display.
4. Disconnect when fully charged (full solar charge takes about 3.5+ hours in strong sunlight).

NOTE: The 12V, AC, DC, and USB power devices while the unit is charging.

POWER DEVICES WITH YOUR PATRIOT POWER SIDEKICK

The Patriot Power Sidekick can power devices, such as lights, mobile phones, laptops, and radios. The total number of devices the unit can support depends on their combined energy use. As long as the total power requirement is 300-watts of energy or less, the unit can run multiple devices at the same time.

SUPPLY POWER TO AN AC DEVICE (≤300)

1. Press the Main Power Switch. The LCD display will illuminate.
2. Press the AC Power button to turn on AC power. See next page.



3. Plug device into AC outlet.
4. Output will appear on LCD display.

AC output is 120V/60Hz 300W and is considered safe for use with all 300-watt appliances.

Typical voltage varies by country. This unit supplies power at 120V/60Hz. Consider this when connecting any devices to this power unit.

12-VOLT DEVICES:

1. Press the Main Power Switch. The LCD display will illuminate.
2. Press the DC Power button to turn on DC power.



3. Plug device into 12V output port.
4. Output will appear on the LCD display. *The DC output of this unit is 11-14.8V, and is considered safe for use with all 12V electrical appliances.

USB DEVICES:

1. Press the Main Power Switch. The LCD display will illuminate.
2. Press the USB Power button.



3. Plug a USB cable into a USB socket.
4. Output will appear on the LCD display.

DURATION OF POWER SUPPLY

The run time of the Patriot Power Sidekick depends on the total energy use (in watts) of all connected devices. Lower wattage use will allow the unit to run longer.

Run Time Formula Example:

A 36-watt device powered by the battery will run about 8.3 hours
(297/36 = 8.25 hours).

AUTOMATIC SHUTOFF

To conserve energy, the unit will automatically turn off when connected devices stop drawing power.

USER MAINTENANCE INSTRUCTIONS

TROUBLESHOOTING

If your devices aren't charging, press the Main Power Switch. Unit is on when the LCD Display lights up.

If the unit doesn't turn on, recharge it.

**Devices that require more than 300-watts cannot be charged by this unit.*

ERROR CODES:

Serial	Code	Problem	Solution
1	E01	Battery Overvoltage	Disconnect charging cable & stop charging.
2	E02	Battery Overvoltage	Disconnect output & charge device.
3	E03	Inverter	Disconnect output & wait 1-2 Hrs before operating
4	E04	Abnormal Power Grid	Disconnect charging cable.
5	E05	Abnormal Power Grid	Disconnect charging cable.
6	E06	Abnormal Output	Disconnect output.
7	E07	Output Short Circuit	Disconnect output & check electrical equipment.
8	E08	Output Overload	Disconnect the output.
9	E09	Inverter Failure	Please contact after-sales.

If you receive any of the above error codes, there could be a problem with the device or the cable.

1. Unplug the device, restart the unit, and, plug the device back in.
2. Try plugging in a different device using a difference cable to rule out faults.
3. If the issue persists, please contact 4Patriots support.

TIPS FOR THE BEST PERFORMANCE

- This power unit contains a durable, high-quality, high-capacity Lithium Iron Phosphate Battery. It has no memory effect. However, it's important to charge the unit within a temperature range of 50-86° F for the optimal performance.
- Monitor the unit's charging status on the LCD display.
- Disconnect the unit once charging is complete.
- To extend battery life, recharge the unit at least once every 6 months.
- Store in a cool, dry location.

BATTERY INFORMATION

- The unit contains a built-in, non-removable, rechargeable Lithium Iron Phosphate battery.
- Do **not** attempt to remove the battery this may damage the unit and will void the warranty.
- The battery can be cycled over 2,000 times, but capacity will gradually decrease over time.

RECYCLING

Dispose of unit, batteries, and packaging per local laws.

TECHNICAL SPECIFICATIONS

Capacity	297.6 Wh
Exterior Dimensions	Length x Width x Height = 9.55" x 7.22" x 8.0"
Total Weight	10.7 lbs
Battery Pack	16V Lithium Iron Phosphate Battery
Charging Power	AC Power: 300W Solar: 100W (12-24V MPPT)
Charging Time	About 1.5 hours (AC Power), About 3.5 hours (Mas Solar / DC Power)
USB Output	QC 3.0 18W Max
USB-C #1	20V/3A Input/ Output -100W Max
USB-C #2	20V/5A Output - 60W Max
12V Output	12V/10A
AC Output	Voltage = 120V AC
AC Power	AC continuous power Output = 300W
UPS Switchover Time	10 ms
Power Indicator	LCD Display
Working Temperature	14° to 104° F
Charging Temperature	32° to 104° F
Lifespan of Battery	Greater than 2,000 cycles
Accessories	1 portable power bank, 1 AC Cable, 1 user manual, 1 DC cigarette lighter charging cord

MOVING & STORAGE INSTRUCTIONS

- Power off and disconnect all cables before storing.
- Store at room temperature in a dry, ventilated space away from water sources.
- Drain unit to 0%, then recharge to 100% via AC every 6 months
- Weight: 10.7 lbs – lift carefully.

WARRANTY INFORMATION

365-day manufacturer warranty (from purchase date).

COVERED:

- Defects in materials or workmanship.
- Non-cosmetic normal wear related damages.

WHAT IS NOT COVERED?

- Damage or defect caused by negligence or misuse.
- Excessive wear and tear.
- Cosmetic scratches/dents from regular use.
- Use with unsafe or incompatible devices.

RETURN PROCESS:

- Contact Customer Support (1-800-304-4202 or help@4Patriots.com).
- Obtain Return Merchandise Authorization (RMA) before shipping.
- Units may be repaired or replaced at 4Patriots' discretion.
- Unauthorized returns will be rejected.
- Returns are not accepted at 4Patriots Headquarters.

ADDITIONAL TERMS:

- Damage from willful actions or negligence voids the warranty. Determination is made upon receipt and inspection of the unit. Refunds and returns will only be processed after this inspection.
- Any unit altered or repaired by an unauthorized party is not covered under warranty.
- Returns must include all original accessories, unless otherwise instructed. The customer will be charged for any missing items.
- Proof of purchase (receipt, order confirmation, etc.) is required for warranty service.
- Returned units must be packaged securely and labeled clearly. Damage caused by poor packaging is the responsibility of the customer and may void the warranty.
- Customers should record and provide the unit's serial number (found on the back of the unit) on the outside of the shipment box.
- If a unit is returned for replacement and found to be free of defects or damage, the customer will be responsible for a service fee up to \$150, plus shipping and handling, and any other applicable processing costs.



Manufactured for: 4Patriots, LLC
(800) 304-4202 | 4Patriots.com
Made in China V3.5