

Kinetik HC800 BLU

Kinetik HC800 BLU 800W 12V High Current AGM Car Audio Battery Power Cell

Model: HC800 BLU | Brand: Kinetik

1. INTRODUCTION AND OVERVIEW

The Kinetik HC BLU Series 12-Volt Car Audio Power Cell is engineered to provide robust and reliable power for high-performance car audio systems. Featuring a sealed absorbed glass mat (AGM) design, this power cell is suitable for systems up to 800 watts. It can serve as a direct replacement for your vehicle's standard battery or as an auxiliary battery to supply the additional power required by aftermarket audio components.

Its leak-proof construction and absence of external vents allow for flexible installation in most factory battery locations without the risk of hazardous leaks. The HC800-BLU delivers 750 cranking amps and has a 35 amp-hour rating, designed to withstand extreme heat and vibrations. Encased in a 100% sealed, reinforced ABS plastic housing, this power cell incorporates more plates for enhanced energy density and maintains a high voltage under load.



Figure 1.1: Front view of the Kinetik HC800 BLU Power Cell, showcasing the brand logo and model designation.

2. PRODUCT FEATURES

- BLU Series design with a black case and distinctive blue logo.
- Maximum power output of 800 Watts, ideal for compatible car audio stereo systems.
- 12V High Current Car Audio Power Cell.
- Sealed Absorbed Glass Mat (AGM) technology for enhanced performance and safety.
- Can be utilized as a primary vehicle battery replacement or as an additional battery for high-performance sound systems.
- Leak-proof and maintenance-free design with no external vents.
- Resistant to extreme heat conditions and vibrations.
- Constructed with a 100% sealed, reinforced ABS plastic case.
- Equipped with more internal plates for superior energy density and consistent high voltage under load.

3. WHAT'S IN THE BOX

Your Kinetik HC800 BLU package includes:

- One (1) Kinetik HC BLU Series Battery (HC800, 800 Watts, 35 Amp-hour Capacity, 12 Volts)

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your Kinetik HC800 BLU Power Cell. Always ensure safety precautions are followed.

4.1 Safety Precautions

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the installation area is well-ventilated. Do not operate this battery in an airtight or non-ventilated compartment.
- Avoid sparks, open flames, and smoking near the battery.
- Disconnect the vehicle's negative battery terminal first before working on any electrical components.
- Do not overtighten battery terminals. Refer to your vehicle or audio system's specifications for proper torque.

4.2 Installation Steps

1. **Preparation:** Ensure the vehicle's ignition is off and all accessories are disconnected. Disconnect the negative (-) terminal of the existing battery first, followed by the positive (+) terminal.
2. **Removal:** Carefully remove the old battery from its tray.
3. **Placement:** Position the Kinetik HC800 BLU Power Cell securely in the battery tray. Its leak-proof design allows for versatile placement.
4. **Connection:** Connect the positive (+) terminal of the Kinetik battery first, then connect the negative (-) terminal. Ensure all connections are clean and secure.
5. **Charging:** This power cell requires a voltage-limited charger. For optimal performance and longevity, adhere to the following charging settings:
 - Float Charge: 13.5V - 13.8V
 - Cycle Service: 14.4V - 14.8V
 - Maximum Temperature: 25°C (77°F)



Figure 4.1: Top view of the Kinetik HC800 BLU Power Cell, highlighting terminal locations and important operational warnings.

5. OPERATING INSTRUCTIONS

The Kinetik HC800 BLU Power Cell is designed to seamlessly integrate into your vehicle's electrical system to enhance the performance of your car audio setup. Once properly installed and charged, the battery will automatically provide the necessary current to your audio components.

- **Primary Use:** As a dedicated power source for high-wattage car audio amplifiers and other demanding accessories.
- **Auxiliary Use:** To supplement your vehicle's main battery, preventing voltage drops and dimming lights during peak audio system demands.
- **Capacity:** Capable of supporting car audio systems up to 800 watts, delivering 750 cranking amps and a 35 amp-hour capacity.

Monitor your audio system's performance to ensure stable power delivery. If you notice any signs of power instability (e.g., dimming lights, amplifier clipping), verify your charging system and battery connections.

6. MAINTENANCE

The Kinetik HC800 BLU is a sealed, maintenance-free AGM battery. This means it does not require water additions or specific electrolyte checks. However, regular inspection and proper charging are essential for maximizing its lifespan.

- **Terminal Inspection:** Periodically check battery terminals for cleanliness, corrosion, and tightness. Clean any corrosion with a wire brush and a baking soda solution. Ensure connections are secure but do not overtighten.
- **Battery Cleanliness:** Keep the battery case clean and free of dirt or debris. A damp cloth can be used for cleaning.
- **Charging:** Ensure your vehicle's charging system (alternator) is functioning correctly to maintain the battery's charge. If the battery is used in a standalone application or stored, use a voltage-limited charger adhering to the specifications outlined in Section 4.2. Avoid deep discharges and prolonged storage in a discharged state.

- **Environmental Conditions:** While designed to resist extreme heat, avoid exposing the battery to excessively high temperatures for extended periods. Ensure adequate ventilation around the battery.



Figure 6.1: Rear view of the Kinetik HC800 BLU Power Cell, displaying product identification and manufacturing details.

7. TROUBLESHOOTING

This section provides guidance for common issues you might encounter with your Kinetik HC800 BLU Power Cell.

Problem	Possible Cause	Solution
Low power output / Dimming lights	Loose or corroded battery connections; Insufficient charging from alternator; Battery discharged; Undersized wiring.	Check and clean all battery and system connections. Ensure alternator is charging correctly (typically 13.8V-14.4V). Charge the battery using a suitable charger. Verify wiring gauge is appropriate for your audio system's power demands.
Battery not holding charge	Parasitic drain in vehicle; Faulty charging system; Battery sulfation (due to prolonged discharge); End of battery life.	Test for parasitic drains. Have charging system inspected by a professional. Ensure battery is not left discharged for extended periods. If battery is old, consider replacement.

Problem	Possible Cause	Solution
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Battery appears swollen or damaged	Overcharging; Excessive heat exposure; Physical damage.	Immediately disconnect the battery. Do NOT attempt to charge or use. This indicates a severe internal issue. Replace the battery and have your charging system checked. Dispose of the damaged battery safely and responsibly.
System not powering on	Blown fuse; Loose connections; Completely discharged battery.	Check all fuses in the audio system and vehicle. Verify all battery and system connections are secure. Charge the battery.

If you are unable to resolve an issue using the troubleshooting steps above, please contact Kinetik customer support or consult a qualified automotive audio technician.

8. SPECIFICATIONS

Attribute	Value
Model Number	HC800 BLU
Maximum Power Output	800 Watts
Voltage	12V
Cranking Amps	750 Amps
Amp-Hour Capacity	35 Ah
Battery Type	Sealed Absorbed Glass Mat (AGM)
Item Weight	20.9 pounds (9.48 kg)
Product Dimensions (L x W x H)	8 x 6.5 x 5.5 inches (20.32 x 16.51 x 13.97 cm)
Case Material	Reinforced ABS Plastic
Country of Origin	Thailand

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

The Kinetik HC800 BLU Power Cell comes with a **1-Year Manufacturer's Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty may be voided if the product is subjected to misuse, abuse, improper installation, or if voltage charges exceed specified limits (as indicated on the product and in this manual).

9.2 Customer Support

For technical assistance, warranty inquiries, or further information regarding your Kinetik HC800 BLU Power Cell, please visit the official Kinetik product support page or contact their customer service department.

You can find additional product information and support resources at:<http://upgi.com/productLaunch/?q=hc800blu>




10. IMPORTANT SAFETY INFORMATION


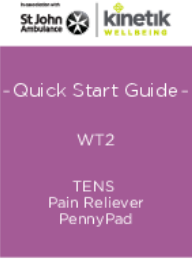

WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Always handle batteries with care.
- Do not short-circuit battery terminals.
- Keep batteries away from children and pets.
- Do not disassemble, puncture, or incinerate the battery.
- Dispose of batteries responsibly according to local regulations. Many retailers offer battery recycling programs.
- Ensure proper ventilation during charging and operation to prevent gas accumulation, even though this is a sealed battery.

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Related Documents - HC800 BLU

	<p>Kinetik EB1214 High-Capacity Electronic Scale User Manual</p> <p>User manual for the Kinetik EB1214 High-Capacity Electronic Scale, detailing specifications, operating instructions, troubleshooting, and care advice for accurate and safe use.</p>
	<p>HC800 Wildlife Camera User Manual</p> <p>This manual provides instructions for the HC800 wildlife camera, covering setup, operation, specifications, and troubleshooting. It details how to install batteries and SD cards, operate the camera in different modes (TEST, ON, OFF), capture photos and videos, transfer data, and resolve common issues. The manual also includes information on product specifications, menu settings, environmental disposal, and warranty service.</p>
	<p>BSS Soundweb London Installation Guide</p> <p>This document provides comprehensive installation instructions for the BSS Soundweb London series of audio processors, including models BLU-800, BLU-805, BLU-806, BLU-806DA, BLU-320, BLU-325, BLU-326, BLU-326DA, BLU-160, and BLU-120. It covers essential safety information, front and rear panel descriptions, connectivity options like CobraNet, AVB, and Dante, control inputs, logic outputs, and detailed technical specifications.</p>

 <p>Soundweb London BLU-800/BLU-805/BLU-806/BLU-320/ BLU-325/BLU-326/BLU-160/BLU-120 Installation Guide</p>	<p>Soundweb London BLU Series Installation Guide by BSS Audio</p> <p>Comprehensive installation guide for BSS Audio's Soundweb London BLU series audio processors, including models BLU-800, BLU-805, BLU-806, BLU-320, BLU-325, BLU-326, BLU-160, and BLU-120. Covers safety instructions, technical specifications, connectivity, and front/rear panel details.</p>
 <p>St. John Ambulance kinetik WELLBEING</p> <p>- Quick Start Guide -</p> <p>WT2</p> <p>TENS Pain Reliever PennyPad</p>	<p>Kinetik WT2 TENS Pain Reliever PennyPad Quick Start Guide</p> <p>Step-by-step instructions for setting up and using the Kinetik WT2 TENS Pain Reliever PennyPad for effective pain relief.</p>
 <p>B300V</p> <p>USER MANUAL</p>	<p>BLU B300V User Manual - Setup, Features, and Troubleshooting</p> <p>Comprehensive user manual for the BLU B300V mobile phone. This guide covers device setup, key functions, making calls, sending messages, using apps, troubleshooting common issues, and important safety and regulatory information.</p>

Documents - Kinetik – HC800 BLU

EXTREME POWER. PREMIUM PERFORMANCE.



UPG No. Model No. Voltage Amps Hours Dimensions (in.) Weight (lb., 7.7 OZ.) Rest Group

40919	HC400-BLU	12	15	5.94" x W: 3.86" H: 4.06"	8.50	4.990	N/A
40920	HC400-BLU	12	18	5.94" x W: 3.86" H: 4.06"	11.2	4.990	N/A
40921	HC600-BLU	12	35	5.94" x W: 3.86" H: 4.06"	25.2	5.000	N/A
40922	HC800-BLU	12	40	5.94" x W: 3.86" H: 4.06"	29.8	5.000	N/A
40923	HC1000-BLU	12	55	5.94" x W: 3.86" H: 4.06"	38.6	5.000	22031
40924	HC1400-BLU	12	75	5.94" x W: 3.86" H: 4.06"	58.4	5.000	22031
40925	HC1600-BLU	12	90	5.94" x W: 3.86" H: 4.06"	67.1	5.000	24
40926	HC2000-BLU	12	110	5.94" x W: 3.86" H: 4.06"	81.1	5.000	24
40927	HC2400-BLU	12	135	5.94" x W: 3.86" H: 4.06"	97.1	5.000	24
40928	HC2800-BLU	12	160	5.94" x W: 3.86" H: 4.06"	115.2	5.000	24
40929	HC3000-BLU	12	180	5.94" x W: 3.86" H: 4.06"	129.6	5.000	24
40930	HC3600-BLU	12	225	5.94" x W: 3.86" H: 4.06"	158.4	5.000	24

UPG audio

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EXTREME POWER. PREMIUM PERFORMANCE. Kinetik HC Series Premium Performance Power Cells UPG No. Model No. Amp Voltage Hours Dimensions in.

40920 HC400-BLU 12 12 L: 5.94 x W: 3.86 H: 4.06 40921 HC600-BLU 12 18 L: 7.13 x W: 3.01 H: 6.57 40922 **HC800 BLU** 12 35 L: 7.68 x W: 5.16...

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Revolutionary power for the audio pro or enthusiast



Kinetik ENERGY. POWER. STYLE

HC SERIES

UPG audio

[\[pdf\]](#) Specifications Warranty

19 upg audio Universal Power Group Featuring a 2 year warranty and reinforced casing KINETIK® HC BLU SERIES SLA AGM POWER CELLS REV CELLS kinetik hc series l1719 upgi media 2716 CELLS upgi l1719upgi |||

Revolutionary power for the audio pro or enthusiast upg audio KINETIK HC-REV SERIES SLA AGM POWER CELLS REVOLUTIONARY POWER FOR THE SEMI-PRO OR ENTHUSIAST Kinetik HC-REV Series Power Cells feature an all-new casing designed for maximum output while keeping heat under control. Join the REVolution t...

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