

6500-033-000 B11893

Stryker 6506 Power-PRO XT Cot Battery (Model 6500-033-000 B11893) User Manual

Instructions for Installation, Operation, and Maintenance

[Introduction](#) [Safety Information](#) [Setup & Installation](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#)
[Warranty & Support](#)

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the replacement battery for the Stryker 6506 Power-PRO XT Cot. This NiCd battery, model 6500-033-000 B11893, is designed to provide reliable power for emergency medical services equipment. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the battery.

The battery pack features a ventless, sealed construction, making it suitable for demanding environments. Its design allows for quick and easy replacement within an ambulance vehicle.

2. SAFETY INFORMATION

Always observe the following safety precautions when handling, installing, or charging the battery:

- **Do not** disassemble, crush, puncture, or short-circuit the battery.
- **Do not** expose the battery to extreme temperatures (above 60°C / 140°F or below -20°C / -4°F) or direct sunlight.
- **Do not** immerse the battery in water or other liquids.
- Use only approved charging methods and equipment.
- Keep the battery away from children and pets.
- If the battery shows signs of damage, leakage, or overheating, discontinue use immediately and dispose of it properly according to local regulations.
- Ensure proper ventilation during charging.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 1 x Stryker 6506 Power-PRO XT Cot Replacement Battery (Model 6500-033-000 B11893)

4. SETUP & INSTALLATION

The battery pack is designed for quick and easy replacement in the Stryker 6506 Power-PRO XT Cot.

4.1 Battery Installation

1. Ensure the Stryker cot is powered off and disconnected from any external power sources before attempting battery replacement.
2. Locate the existing battery compartment on the Stryker 6506 Power-PRO XT Cot.
3. To remove the old battery pack, press the release mechanism (if present) and slide the old pack off. The design allows for a simple "click and slide off" action.
4. Align the new replacement battery pack (Model 6500-033-000 B11893) with the battery slot.
5. Slide the new battery pack into place until it clicks securely. Ensure it is fully seated and locked.
6. Power on the cot and verify that the battery is recognized and functioning correctly.



Image showing the compact design of the replacement battery pack, ready for installation.

5. OPERATION

5.1 Charging the Battery

The battery pack can be recharged using a wall outlet or directly within an ambulance vehicle's charging system. The charging process is designed to be user-friendly, requiring no complex protocols.

- **Charging Time:** A fully depleted battery pack can be fully charged in approximately two (2) hours.
- **Charging Indicators:** Refer to your Stryker 6506 Power-PRO XT Cot's display or charging station indicators for charging status.

5.2 Battery Performance

A fully charged battery pack is capable of powering 15 to 20 "calls" with patients weighing an average of 250 lbs. Actual performance may vary based on usage patterns, cot model, patient weight, and environmental conditions.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your battery.

- **Regular Charging:** Keep the battery charged. Avoid leaving the battery in a fully discharged state for extended periods.
- **Cleaning:** Wipe the battery pack with a dry, clean cloth. Do not use harsh chemicals or abrasive cleaners. Ensure connectors are free of dirt and debris.
- **Storage:** If storing the battery for an extended period, ensure it is partially charged (around 50%) and stored in a cool, dry place away from direct sunlight and extreme temperatures. Recharge every 3-6 months to prevent deep discharge.
- **Inspection:** Periodically inspect the battery for any signs of physical damage, swelling, or leakage. Replace immediately if any issues are observed.

7. TROUBLESHOOTING

If you encounter issues with your battery, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging	<ul style="list-style-type: none"> • Improperly seated battery • Faulty charger or power source • Damaged battery 	<ul style="list-style-type: none"> • Ensure battery is fully seated and clicked into place. • Check charger connection and try a different power outlet/charger. • Inspect battery for damage; replace if necessary.
Short operating time	<ul style="list-style-type: none"> • Battery not fully charged • Battery nearing end of life • High power consumption by cot 	<ul style="list-style-type: none"> • Ensure battery is charged for the full 2 hours. • Consider replacing the battery if it's old or frequently used. • Minimize unnecessary power usage on the cot.
Battery overheating during charge/use	<ul style="list-style-type: none"> • Faulty battery or charger • Poor ventilation 	<ul style="list-style-type: none"> • Immediately discontinue use and charging. • Contact support for replacement. • Ensure battery compartment has adequate airflow.

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Model Number	6500-033-000 B11893
Battery Type	NiCd (Nickel-Cadmium)
Nominal Voltage	24.0V
Rated Capacity	2.5Ah
Construction	Ventless, Sealed
Approximate Charging Time	2 hours (from fully discharged)
Manufacturer	Unipower (Generic Brand)
Compatibility	Stryker 6506 Power-PRO XT Cot

9. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.

For technical assistance or questions regarding the Stryker 6506 Power-PRO XT Cot, please consult the cot's official user manual or contact Stryker customer service.