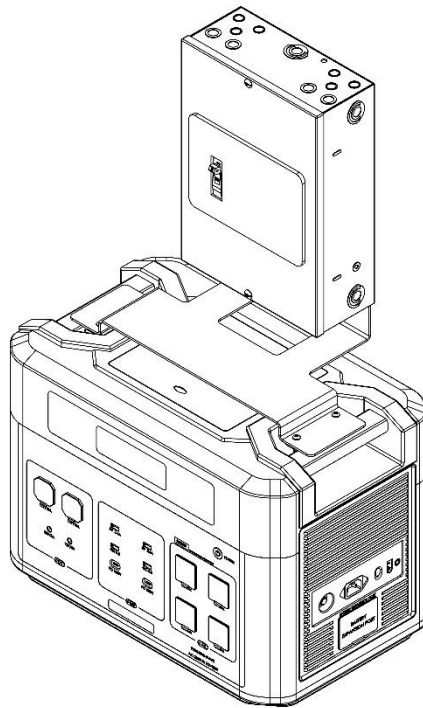




SCS-24 Hardwire Kit Installation Manual



Medicanix, Inc. dba Medi-Products

281 Fields Lane, Suite 2B, Brewster, NY 10509

1.800.765.3237 | www.mediproducts.net

Contents

Contents 1

Safety and Disclaimer 2

 Intended Use and Equipment & Wiring Connections 2

 Statement of Liability for Medical Environments 2

Installation 3

 Pre-installation Steps: 3

 Hardwire Kit Installation Steps: 4

 Qualified Technical Support..... 6

Safety and Disclaimer

Intended Use and Equipment & Wiring Connections

- This battery backup system stores energy. Outlets may be live when the system is turned off or after the input power has been disconnected.
- Please be sure to turn off the electricity in the location where the battery backup will be installed prior to working on the unit.
- Please be sure that the power supplied to this unit is the proper phase, voltage and amperage specified.
- The battery backup system is required to be powered on a dedicated circuit.
- Although the system is supplied with lithium-ion batteries, Medi-Products recommends that the unit should not be located near explosive medical gas storage, open flame heaters, or electric spark-inducing equipment.

Statement of Liability for Medical Environments

- When used within a surgical environment, do not use in the presence of flammable anesthetic mixtures with air, oxygen, or nitrous oxide.
- This battery backup power system is not intended to support life or run life-supporting equipment but rather to power surgical appliances needed in superficial surgical procedures or medical cold storage appliances. Its use is intended for the supply of emergency power to appliances which may be employed in non-life-threatening medical procedures. It is imperative to understand that at no time should a patient remain unattended. At the time of this manual's writing, the FDA has no classification for a general-purpose medical emergency power supply. This system is not a medical device.
- All life-support type equipment, life-signs monitors, gas monitors etc. are expected to have their own built-in FDA approved appliance-specific energy sources and be maintained correctly. General room lighting and exit signs are also expected to have multiple independent energy sources.
- If life-supporting equipment is to be powered by any sort of electrical source or device, it is Medi-Products' expectation that several alternative independent power supply sources and devices be available.
- Appliances such as refrigerators and freezers, and the contents being stored within them, are the responsibility of the owner/operator to see that they are monitored, maintained and tested. Consequential damages and loss of perishable merchandise are not the liability of Medi-Products/Medicanix.
- It is the sole responsibility of the end user or equipment owner to ensure that the battery backup power system has been tested, maintained, and testing records have been kept and filed.

Installation

Pre-installation Steps:

1) Safety Considerations:

- Read these instructions carefully before attempting to install this product.
- Be sure to leave this manual for end user and save for local inspector's use.
- Observe all governing codes and ordinances.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the warranty.
- This product should not be altered in any way without manufacturer's consent.
- Be sure all hardwire electrical connections are done by a certified electrical contractor.
- Take special care when working with battery cables, connectors & terminals to make sure they are never short circuited.

2) Prepare and Check Installation Site:

First, Identify the area on site where you will be installing the system.

The Hardwire Kit adds an additional 15" of height to the overall system. Check all measurements to ensure there will be no physical obstructions, including this height addition.

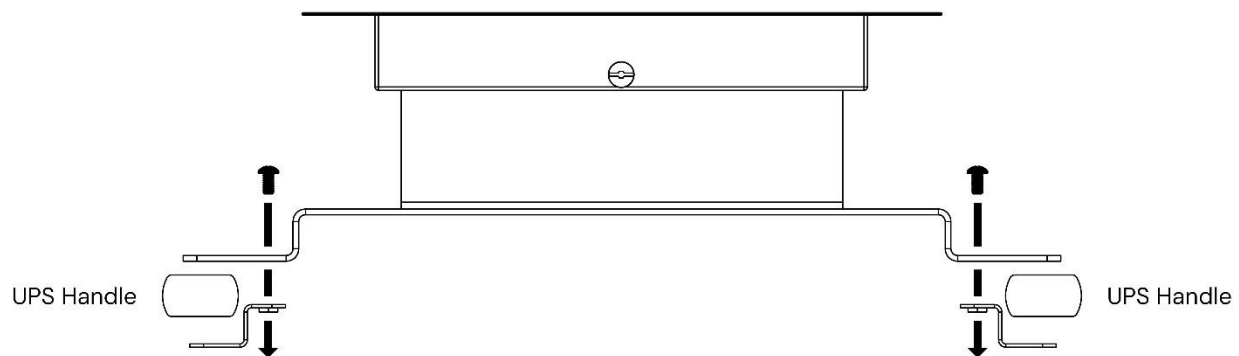
The Hardwire Kit includes one Base (with the electrical box pre-installed), two Securing Brackets, four screws, and two connecting power cables (Also pre-installed). One power cable will plug into to the SaverCell's **Main Power Cord Port**, and one cable will plug into one of the SaverCell's **AC Outlets**. Please refer back to the **SCS-24 System User Manual** to locate these features, if necessary.

Hardwire Kit Installation Steps:

To begin the installation of the Hardwire Kit, ensure the SaverCell system, and all accompanying Extra Battery modules have been placed in their designated installation area. Once all modules have been prepared, place the Hardwire Kit Base on top of the Main Unit (Top box), resting the Base on both handles of the Main Unit.

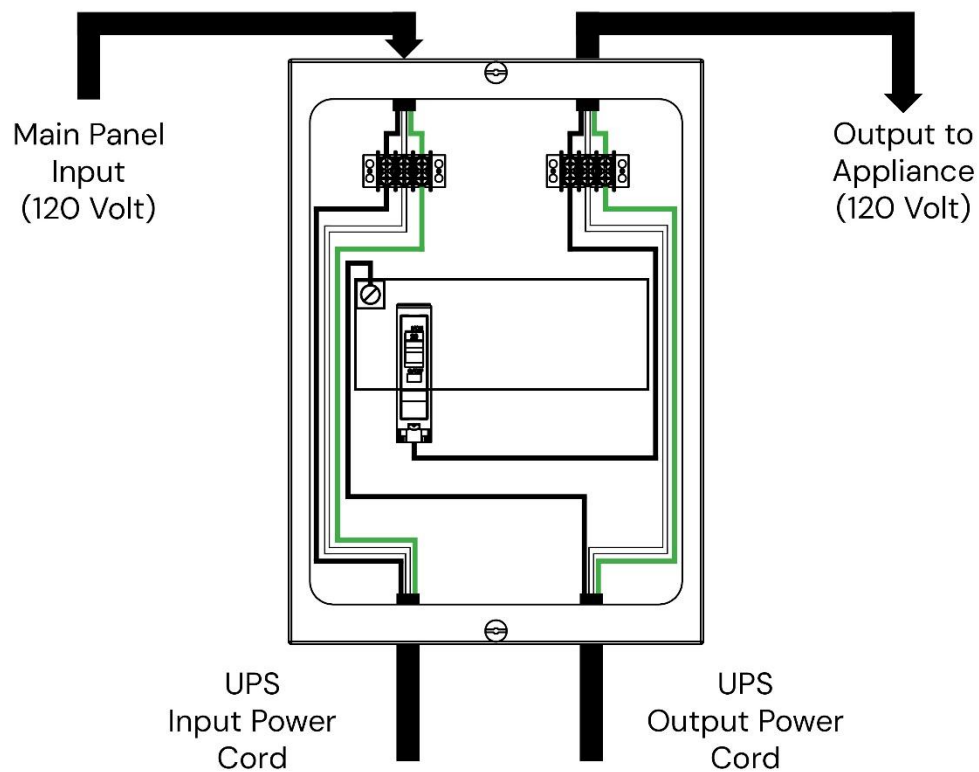
Next, place one of the Securing Brackets under the handle, and line up the screw holes with the slots of the Base. Using two screws, secure the Base to the Securing Bracket. Repeat these steps for the other side of the Base, to finally secure the Base to the SaverCell Main Unit.

Please see the following diagram that better details how the Hardwire Kit will be secured to the SaverCell Main Unit:



Now that the Base is secured, the included power cables must be connected to the Main Unit's respective ports. These cables will come pre-installed to the electrical box mounted to the Base. The power cable on the left side of the electrical box will plug into the SaverCell's **Main Power Cord Port**, while the power cable on the right side will plug into one of the AC Outlet's on the front of the SaverCell.

Please see the Wiring Diagram below to identify these cables, and to wire this system into the building's power as well:



Please note, the incoming power lines from the building will land on the “INPUT” labelled terminal strip inside the electrical box. The output power lines to the appliance being backed up by the SaverCell will land on the “OUTPUT” labelled terminal strip on the right side of the electrical box. Also notice the position of the power cables that will plug into the SaverCell system, and which side they exit out of the bottom of the electrical box.

Once all wires and cables have been connected, The SaverCell-24 is ready to start up. Please refer to the **SCS-24 System User Manual** to continue with the Unit Startup Procedure, to complete the installation of the SaverCell-24 UPS system.

Qualified Technical Support

A large amount of energy is stored in the batteries which can cause injury to unqualified persons attempting to effect repairs. Also, no one untrained regarding electrical energy should attempt any service task or remove any covers, as live circuits will be exposed in all cases.

Eye protection should be worn by any person connecting or disconnecting batteries and/or battery cables. Hand & Eye Protection is recommended for any person handling batteries.

If at any time a problem arises, be as diligent as possible to record any indicators that may be present, and call our Technical Support line when possible.



Medicanix, Inc. dba Medi-Products

281 Fields Lane, Suite 2B, Brewster, NY 10509

1.800.765.3237 | www.mediproductions.net