

SitnStand

The Everywhere Lift Chair™

COMPACT

USER MANUAL

Exclusively Distributed by:



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INTRODUCTION

ABOUT THIS MANUAL

This manual provides the information necessary to operate **Life Assistant SitnStand Compact** in a safe and efficient manner. Please review and understand this manual before operating the system. If any part of this manual is unclear, contact your supplier or **Life Assistant** Customer Support for clarification.

Life Assistant Sitnstand Product Overview

The SitnStand Compact is a lightweight, portable inflatable system that is safe, simple and easy to operate. It comprises an electronic control system, multiple air valves, multiple air sealed layers, and a portable air pump that supplies the required pressure and air capacity to assist standing up and sitting down with minimum/no help required.

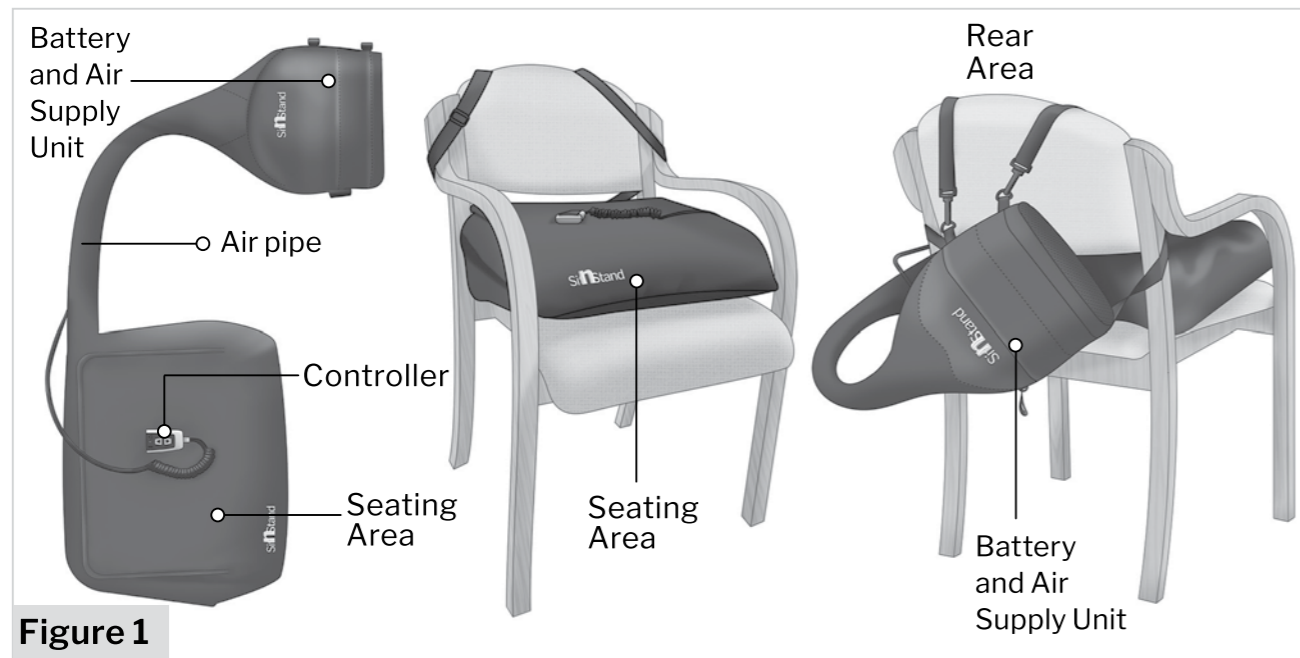





Figure 1

Contents

- 1 **SitnStand Compact** unit
- 1 **SitnStand Compact** compatible case
- 1 Li-Ion 14.4VDC rechargeable battery
- 1 Wall battery charger with 1m cable and connector
- 1 User manual

Warnings, Cautions and Notes

Three types of special messages appear in this User Manual:

- 
WARNING indicates the possibility of injury to the patient or operator.
- 
CAUTION indicates a condition that may lead to equipment malfunction.
- 
INFORMATION provides other important information.

Conditions for Use

INTENDED USE

The SitnStand Compact is a powered inflatable cushion intended for assisting patients suffering from mobility difficulties in rising from a seated position to standing, as well as in sitting down from a standing position. **The SitnStand Compact** is intended to be used with any decent seating area.

The SitnStand Compact is intended to be used in the homecare environment while performing daily activities, as well as in medical care facilities.

INTENDED USERS

The SitnStand Compact is intended to be used by elderly people and/or people with compromised mobility or difficulties.

The SitnStand Compact is intended to be used by people with chronic or acute mobility difficulty.

CONTRAINDICATIONS

- Do not use **The SitnStand Compact** while under the influence of narcotics or alcohol.
- Do not use **The SitnStand Compact** while holding a child or infant.
- Do not use **The SitnStand Compact** inside a vehicle.
- Do not use **The SitnStand Compact** without clothing.
- In the case of Cognitive impairment, use **The SitnStand Compact** only by a caregiver.

SAFETY

General Warnings and Cautions



WARNING: DO NOT USE BEFORE READING AND UNDERSTANDING THIS MANUAL.



WARNING: To avoid the potential for electrical shock, use only the designated charger provided with the device. Using any other charger may cause an electrical and/or electromagnetic hazard.



WARNING: To avoid the potential for electric shock, the power supply must be disconnected from the power mains prior to cleaning.



WARNING: To avoid the potential for electric shock, contact your seller or **Life Assistant Ltd.** when a malfunction occurs.



WARNING: Do not inflate under the bottom of a table or other item that interferes with the cushion inflation.



INFORMATION: The only user-serviceable components in the system are the battery and cushion jacket.



CAUTION: Changes or modifications not expressly approved by **Life Assistant Ltd** can affect the safety and effectiveness of the system, and will invalidate the system's warranty.














CAUTION: Do not operate with damaged cords or plugs. If damaged, please contact the company.



CAUTION: At the end of its useful life, the system and battery must be disposed of in accordance with local law and/or code concerning electrical and electronic equipment.

LABELS AND SYMBOLS

SYMBOL	DESCRIPTION
	Medical Dvice
	Serial Number
	Catalog Number
	User Manual
	Keep Dry
	Manufactured by
	Not for general waste Special Requirements for Waste of Electrical and Electronic Equipment (WEEE Directive)
	Caution
	Information
	CE Mark
	Authorized Representative

THE SITNSTAND COMPACT

Setup Instructions

Setting up *the SitnStand Compact* is performed by the user.

The setting up process consists of three steps:

- A. Charging the battery for the first time.
- B. Placing *the SitnStand Compact* on an appropriate seat.
- C. Connecting the battery.

A – CHARGING THE BATTERY FOR THE FIRST TIME-FIGURE 2

Charge the battery for at least 12 hours before use:

1. Remove the battery from the box.
2. Plug in the battery charger into an electric wall socket.
3. Connect the battery charger connector to the battery charging socket.
4. When the green light is on, battery is fully charged.
5. When red light is on, battery is not fully charged.

i **NOTE:** To prevent falling over any tangled cable, place the battery close to the charger.

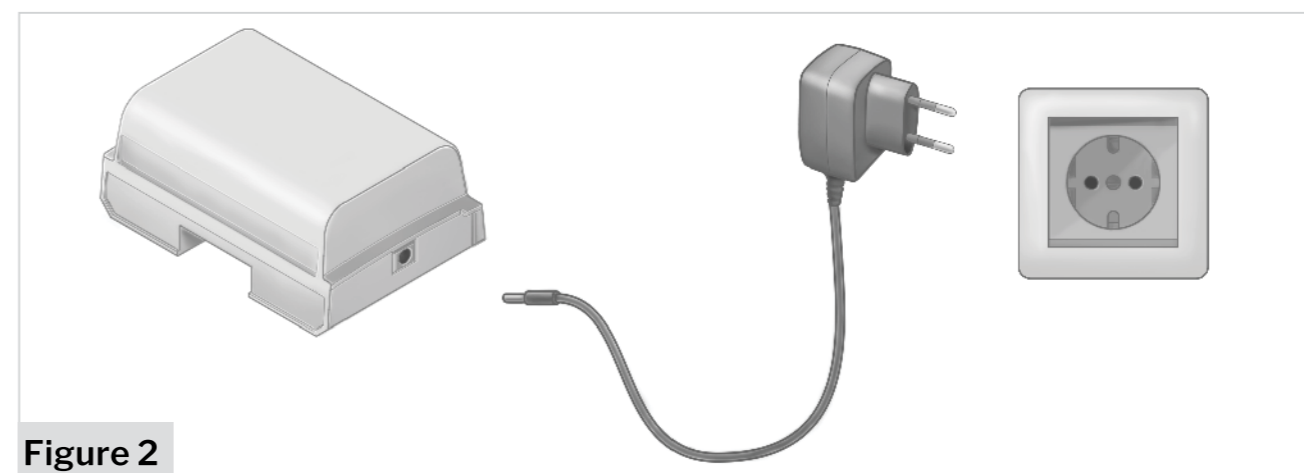


Figure 2

B – PLACING THE SITNSTAND COMPACT ON A SUITABLE SEAT- FIGURE 3

Selection of an Appropriate Seat

When selecting the seat on which **the SitnStand Compact** will be fitted, it is advisable to select a seat that is steady, stable and cannot be easily moved. An armchair is preferable.

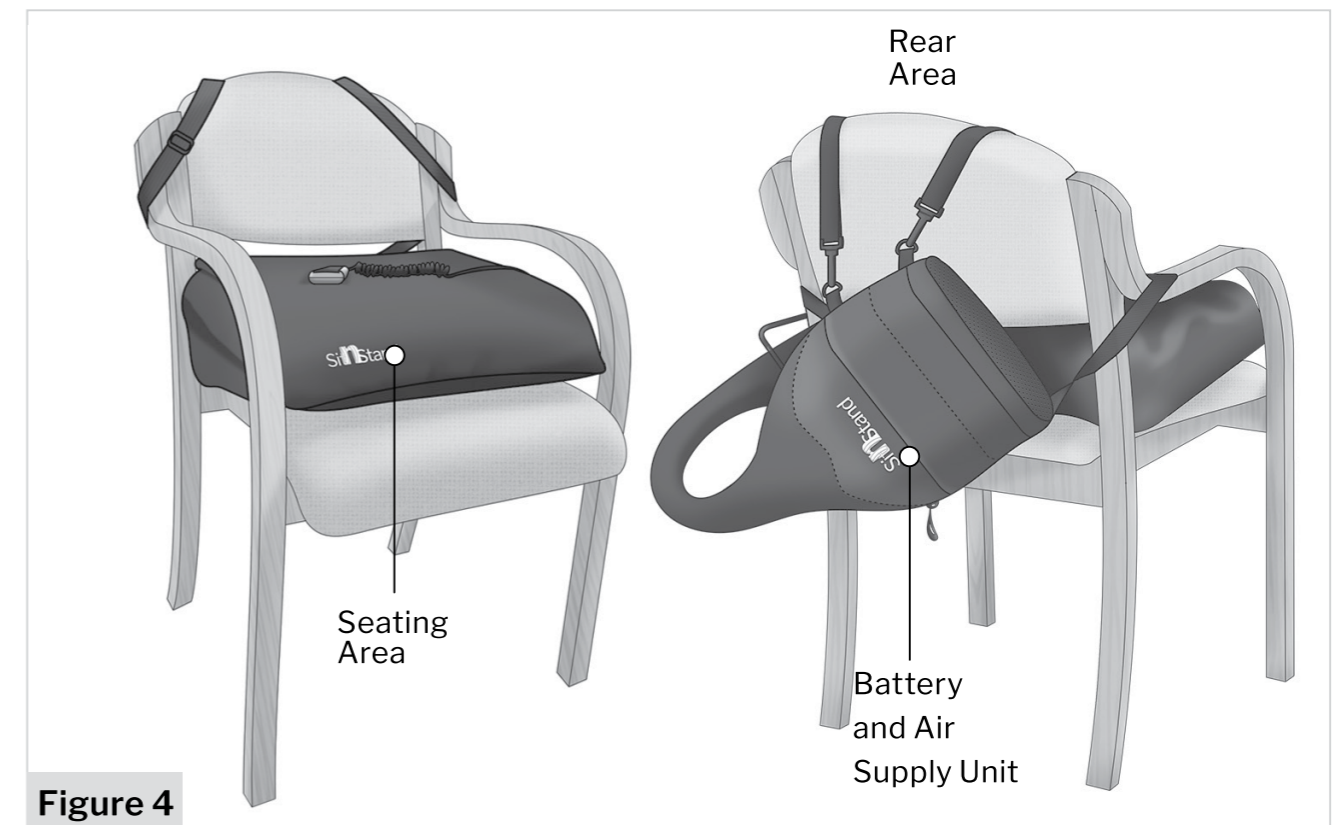
An appropriate seat size for **the SitnStand Compact** should be at least the minimum size of **the SitnStand Compact** seating area in its deflated state, with at least one arm rest.



Following the Appropriate Seat Selection

Place the seating area of **the SitnStand Compact** directly onto the chair seat.

Place the strip on to the backrest of the chair sit as shown in the picture bellow.



C – PLACING THE BATTERY IN ITS PLACE – FIGURE 6

Slide the charged battery into its place within the air supply unit, as illustrated in **Figure 6**.

The SitnStand Compact is now in standby mode, and is ready for use.

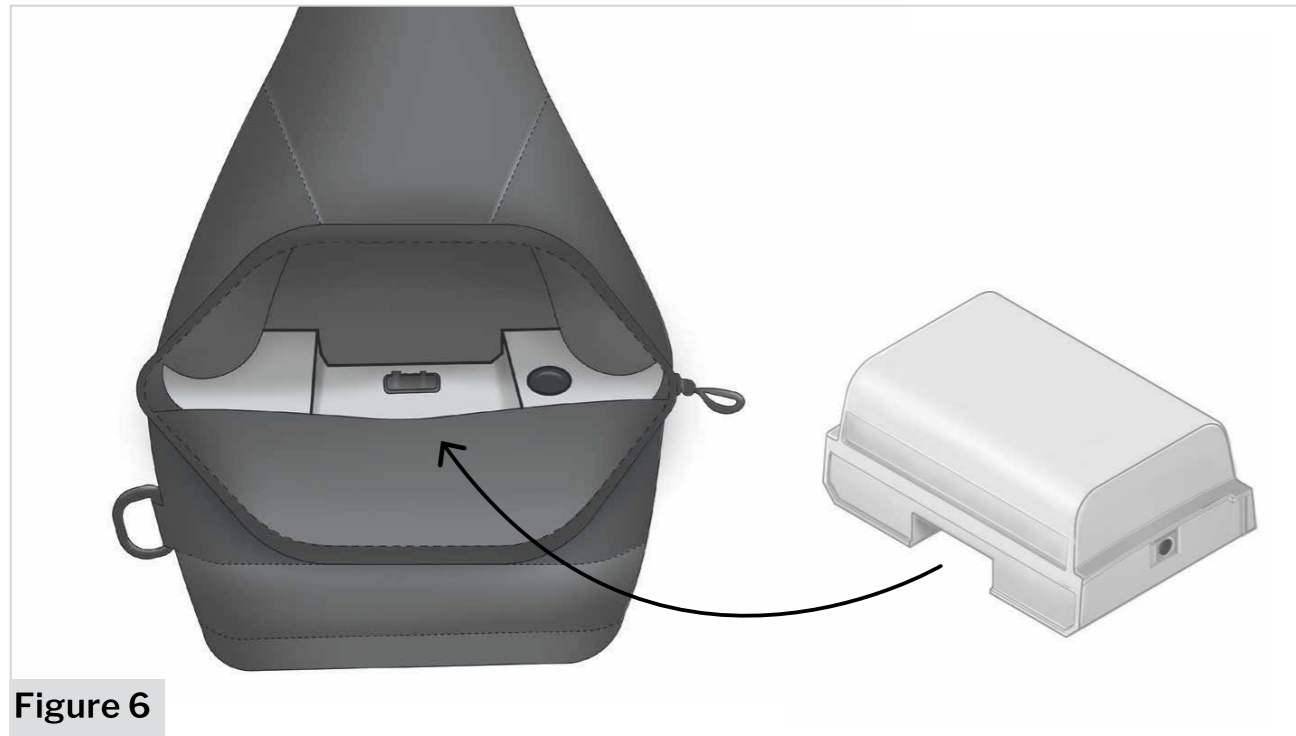


Figure 6

Controller Indicator Modes - Figure 7

1. **Standby Mode** – the Green light flashes slowly (about one flash per second) – **The SitnStand Compact** is now ready for use and is waiting for your action.
2. **Working Mode** – the Green light flashes quickly (about 5 times a second) – **The SitnStand Compact** is operating (while in this mode, the buttons will not respond).
3. **Charge Battery** – the Orange light is on while the Standby/Working mode green light is also flashing as described in 1 or 2 above – indicating that the battery needs recharging.
4. **Charge Battery** – the Orange light is on and Standby/Working mode Green light is off – battery is depleted. In this case, the SitnStand Compact cushion can only be deflated.
5. **Error** – the Red and Green lights flash quickly – **The SitnStand Compact** has identified a system fault – See troubleshooting chapter.

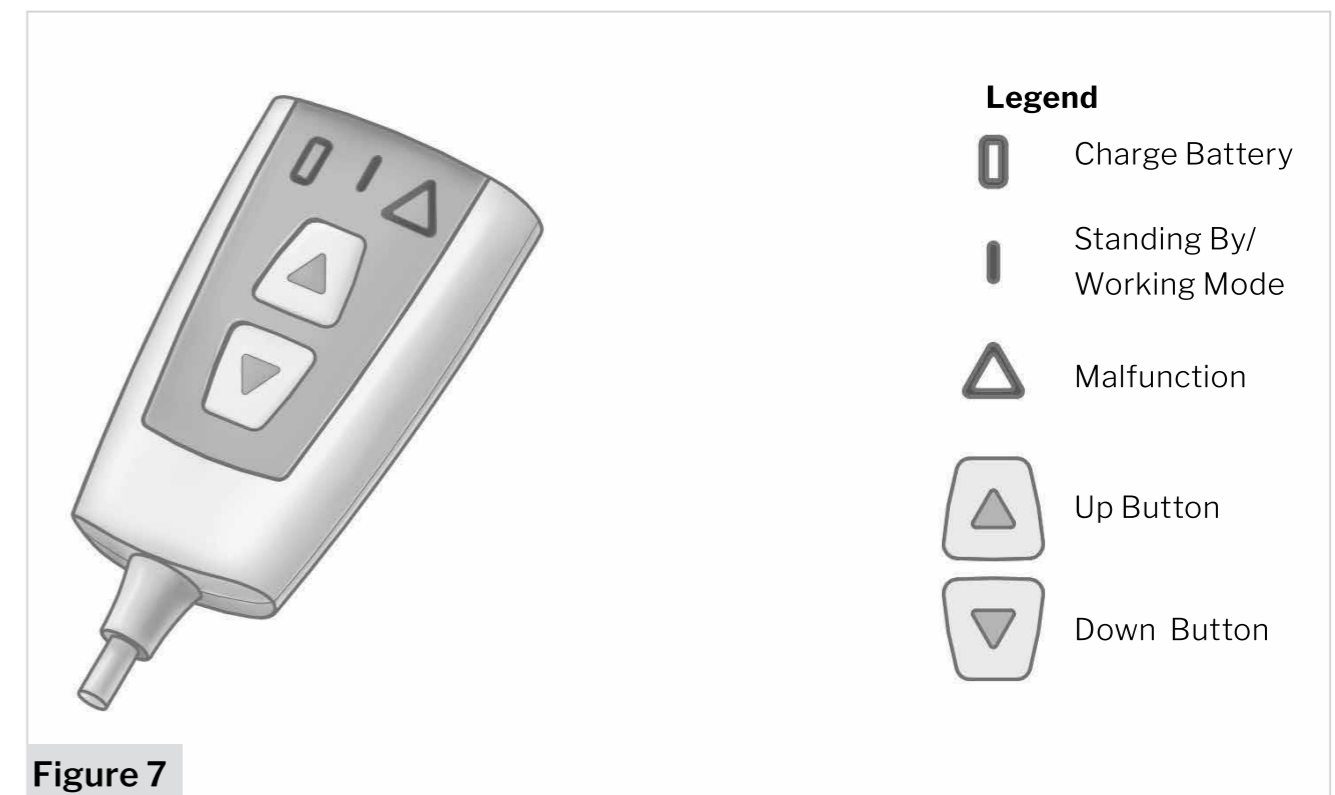


Figure 7

Sitting Down

To sit down – inflate the cushion using the controller to 1,2,3 or 4 layers (whichever is most comfortable for you), then sit down on the pillow facing forward.

When you feel steady, start deflating the cushion by pressing on the Down Arrow button on the controller.

Standing Up

To stand up – First, disconnect your upper-back from the back of the chair by bending slightly forward, and only then, start inflating the cushion one layer at a time by pressing the Up-Arrow button on the controller.

The SitnStand Compact has 4 layers: however, Inflation can be ended at any time when the level of elevation is sufficient.

Do not attempt to stand up before the layer is totally inflated and there is no sound from the air pump.

The SitnStand Compact may remain inflated until the next time it is used for sitting down.

Replacing the Battery – Figure 8

When the Charge Battery indicator turns Orange, battery should be charged.

Open the zipper covering the air supply unit and remove battery by sliding it towards you as illustrated in **Figure 8**.

The battery is connected by a magnet to the air supply unit.

i NOTE: Don't remove the battery while The **SitnStand compact** is at "Working Mode" (see controller indicator modes)

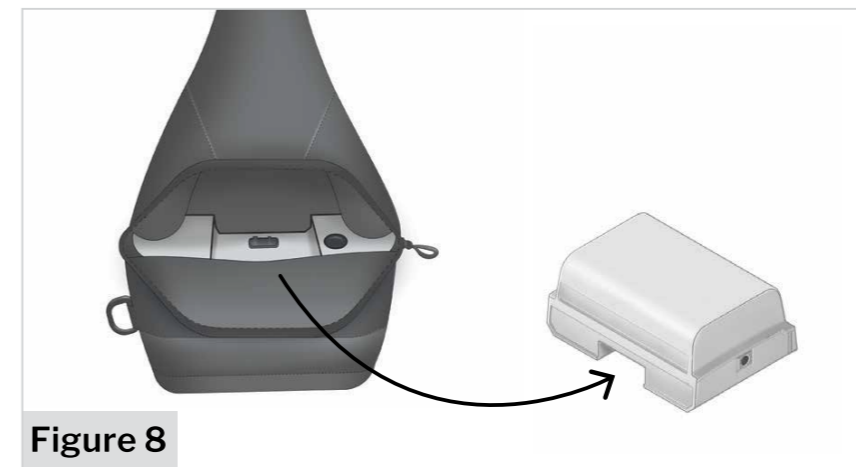


Figure 8

Charging the Battery- Figure 9

1. Plug the battery charger into an electric wall socket.
2. Connect the battery charger connector to the battery charging socket.
3. When the Red light on the charger changes to Green, the battery is fully charged.
4. When the Red light is on, the battery is not fully charged.

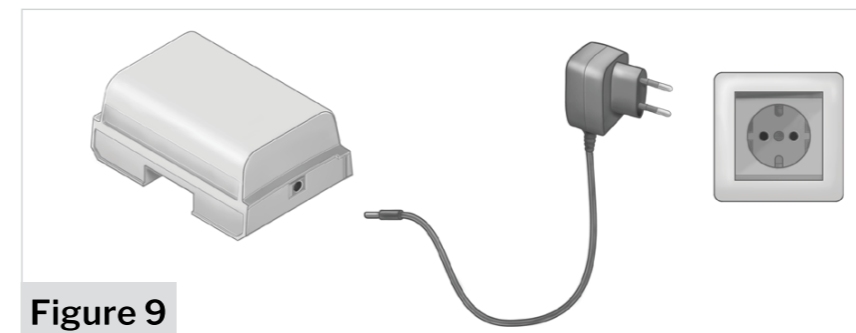


Figure 9

MAINTENANCE

In order to maintain **The SitnStand Compact** system, please note the following:

1. Keep **The SitnStand Compact** away from dust or dirt
2. Use a soft dry brush to clean the fabric surfaces (e.g. seat area).
3. For cleaning **The SitnStand Compact** use A damp cloth
4. Do not iron the cloth jacket
5. Use a damp cloth to clean the plastic surfaces (e.g. air supply unit)
6. Do not use solvents or detergents to clean any part
7. Do not allow liquids near the system openings
8. Keep dry



WARNING: To avoid potential for electrical shock, the power supply must be disconnected from the power mains prior to cleaning.



WARNING: To avoid the potential for electric shock, contact your seller or **Life Assistant Ltd.** when a malfunction occurs.



INFORMATION: The only user-serviceable components in the system are the battery and cushion jacket.



INFORMATION: No portion of the system should be immersed in water or other fluids



INFORMATION: Never spray or otherwise apply any cleaner fluid directly into the openings or seams of the system. Always apply the cleaner fluid to the cloth instead.

TROUBLESHOOTING

Before addressing the troubleshooting table, please check and confirm the following:

1. The battery is attached to **the SitnStand compact**.
2. The battery is charged. (low battery indicator is off, standby/ready indicator is on)

Basic Troubleshooting

When addressing a malfunction, as an initial action please follow **STEP 1** described at the table below. In case of unsolved malfunction follow **STEP 2**.

MALFUNCTION	STEP 1	STEP 2
Battery not charging	Charge the battery	Contact your seller or Life Assistant Ltd.
No light on the controller		
Product is not working when pressing the controller		
Does not deflate		
Does not inflate		
Air leaking	Contact your seller or Life Assistant Ltd.	
Red triangle light and the Green light on the controller are flashing	Press the two remote control buttons (up and down arrows) simultaneously for 10 seconds to reset system	Contact your seller or Life Assistant Ltd.

To Obtain Information:

Life Assistant LTD.

8 Harod St. Afula, 1871208, ISRAEL

email: info@sitnstand.com

web: www.sitnstand.com

OPERATING SPECIFICATIONS



NOTE: Unless otherwise indicated, all specifications are subject to change without notice. Specifications and test methods will be made available upon request.

1.1. Environmental

1.1.1. TRANSPORT AND STORAGE ENVIRONMENT

Temperature range: -25°C to +70°C (-13°F to 158°F)

Relative humidity range: Without relative humidity – 93%

1.1.2. OPERATION ENVIRONMENTAL CONDITIONS

Temperature range: +5°C to +40°C (41°F to 104°F)

Relative humidity range: 15% to 93%, with no condensation

Atmospheric pressure: 700 – 1060 hPa (10.15 - 15.37 psi)

Transport altitude: 0-2000 meters (0 - 6562 Feet)

1.2. Electrical

Battery type: Lithium-Ion Rechargeable, 14.4 V, 2.6 Ah

Operation Voltage: DC 14.4V @ 10A

Charger Input: 100 to 240VAC

Charger output: 16VDC, 0.5A (8W)

Frequency: 50 – 60Hz

Battery life: ~500 charging cycles / one year under warranty that the battery should be over 80% of its capacity



CAUTION: At the end of its useful life, the system and battery must be disposed of in accordance with local law and/or code concerning electrical and electronic equipment. Do not discard to standard trash bin.

1.3. Physical and Operational

Seat footprint – Deflated: 40 x 53 x 1 (cm) | (16 x 21 x 0.4 (In))

Seat footprint – Inflated: 40 x 48 x 25 (cm) | 16 x 19 x 10 (In)

Carrying package dimensions: 43 x 28 x 15(cm) 17 x 11 x 6 (In)

Product Weight: 3 kg 6.6 lb

Max supported weight:
USA 180 Kg /400 Lbs
Non USA 120 Kg / 265 Lbs

Nominal Operation time (inflate/deflate): ~25 sec

Control mechanism: Up / down pushbutton ↑↓
Green LED: system ready
Yellow LED: low bat.
Red LED: Error

Air capacity: ~1.7 L/Sec @ 1 AT pressure (~60 CFM @ 14 psi)

Device lifetime: ~10000 inflating cycles / 5 years

LIMITED WARRANTY

Life Assistant Ltd. guarantees this product for a period of two years from the date of purchase.

The guarantee covers defects in materials and workmanship, comprising the system, assemblies, components and labor, but excluding battery and textile/fabric.

Life Assistant Ltd. guarantees the battery and the textile/fabric for one year from the date of purchase. The guarantee covers defects in materials and workmanship comprising the system, assemblies, components and labor.

The guarantee is not valid in the case of abnormal wear and tear, willful damage, neglect, misuse or unauthorized repair or alteration of the product, or any of its parts or accessories.

The following statements do not affect the consumer’s statutory rights. This product is sold on the understanding that, in the event of any defect of manufacture or material appearing within two years of the date of receipt of this product, the defect will be amended free of charge on condition that evidence of date of ownership is provided. Such evidence may be an invoice, delivery note, etc. and, evidence that the defect is not attributable to accidental damage either in transit or otherwise, misuse or unauthorized repair or alteration.

Product Serial Number: _____

Battery Serial Number: _____

Location of Purchase: _____

Date of Purchase: _____

Delivery Note/Invoice No.: _____

EMC STATEMENT

Warnings



WARNING: Use of this equipment adjacent to or stacked with other equipment should be avoided as it may result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.



WARNING: Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment, may result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment, resulting in improper operation.



WARNING: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of **the SitnStand**, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment may result.

Electromagnetic Emissions

- **SitnStand** is intended for use in the electromagnetic environment specified in the following tables. This is not a life-sustaining device.
- The user and/or installer of the unit must ensure that it is used in such an environment.

DECLARATION – ELECTROMAGNETIC EMISSIONS		
Emissions test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1 Class B	The SitnStand compact uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference nearby electronic equipment.
Harmonic emissions IEC 61000-3-2	N/A	The SitnStand compact is suitable for use in all establishments, including domestic establishments and those directly connected to the public low voltage power supply network that supplies buildings used for domestic purposes.
Voltage Fluctuations And Flicker IEC 61000-3-3:2013	Complies	



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