USB-A Power Adapter
Data Sheet



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Introduction

The USB-A power adapter can be used for charging devices, such as smart phones, tablets and other products which require a USB-A connection. It can deliver up to 7.5 W constant power and is applicable for beds and other healthcare applications within hospitals, nursing homes and homecare.

The USB-A Power Adapter comes with an optional power port to connect a LINAK battery or other products that require a Power Communication Port (PCP 2.0) connection.

- USB-A port for charging of devices with 7.5 W constant power output
- Optional PCP for extra power connection
- Connected to LINAK control box PCP 2.0
- Compact design with simple mounting

Features and options

Power:	Power is available in the USB-A connector when the application is connected to mains power. The USB-A power is disabled when the application is battery-powered.
Power output:	7.5 W (5 V +/- 5%, 1.5 A)
USB BC 1.2 Specification:	USB BC 1.2 Specification. Dedicated Charging Ports (DCP)
Interface:	PCP 2.0
Colour:	Light grey, RAL 7035
Protection Class.	IPX4
Two variants:	USB-A with PCP 2.0 connector (Item no. USBAMB04-1000) USB-A without PCP 2.0 connector (Item no. USBAM004-1000)
Mounting:	Compact and functional design which allows easy mounting with two screws, Ø = 4.5 mm
Physical dimensions: (envelope)	H x W x L = 16.6 x 35 x 89 mm
Cable lengths:	Adapter to USB-A socket = 1000 mm length (see dimensions for details)
Cable types:	PVC cable with 4 wires for PCP 2.0 control boxes
Battery drain prevention:	Control box ensures that USB-A power adapter is only active when the system is on mains.
Compatibility:	LINAK control boxes CO61MK2, CO65, CO71. Control box software must be configured for non-sleep mode for the USB-A power adapter to function.
Optional PCP connector:	Compatible with all LINAK batteries with PCP 2.0 and other accessories with PCP 2.0.

Usage

Operation temperature:	5 °C to 40 °C
Storage temperature:	-10 °C to +50 °C
Relative humidity:	20% to 80% – non-condensing
Atmospheric pressure:	700 to 1060 hPa
Meters above sea level:	Max. 3000 meters
Latex-free:	Yes
Approvals:	IEC60601-1 UL

Ordering example

Accessory	USB	
Type	A	**A** = USB-A
Business area	M	**M** = Medical applications
Battery / PCP	0	**0** = No Battery / PCP **B** = Battery / PCP
Power	0	**0** = 7.5W (Control Box Limited)
IP	4	**4** = IPX4
Colour:	-	**-** = Grey (RAL7035)
Adapter to USB-A outout cable Length	1000	**1000** = 1000 mm length

Chosen item number: USBAM004-1000

Approvals and certifications

For approval documentation, LINAK recommends specifying the product type instead of individual item numbers to ensure broader approval coverage and simplify future product changes.

Listed LINAK item for application approval: USB-A

If this is not possible, we advise being as non-specific as possible when specifying LINAK products in your approval application:

Listed LINAK item for application approval: USBAS*SS*****

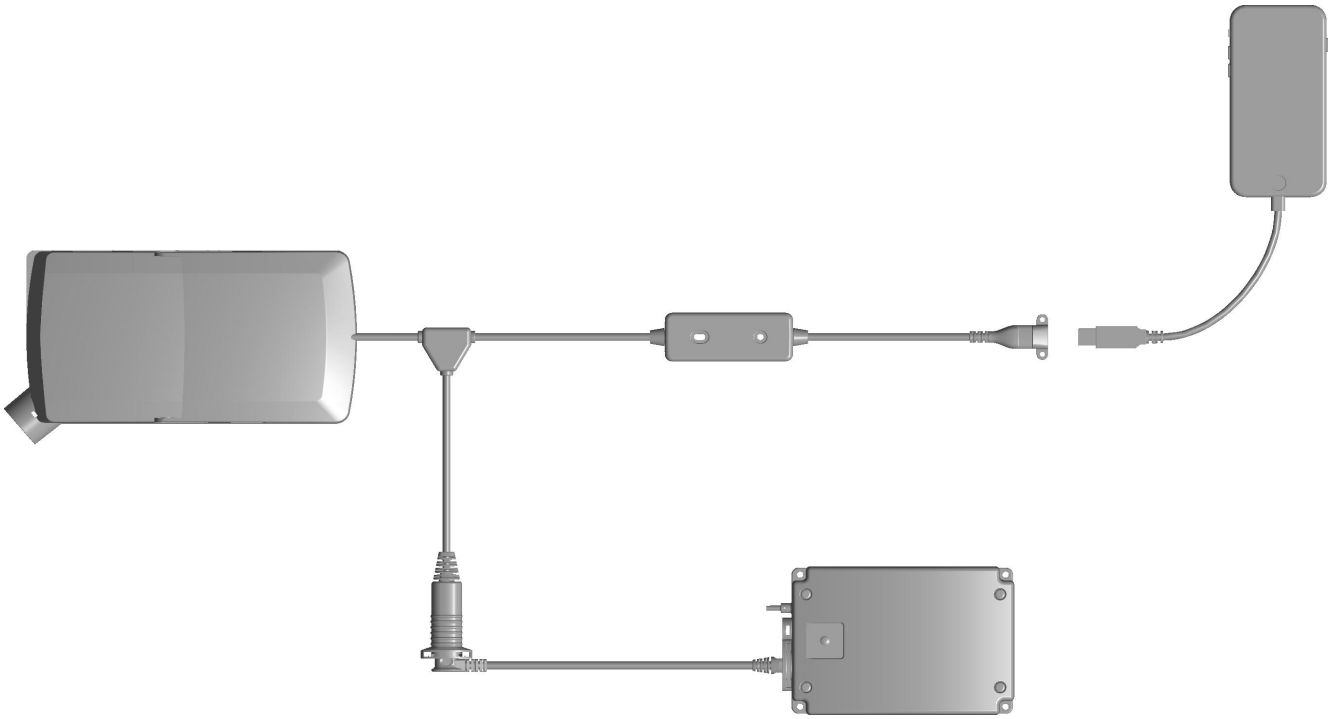
" * " is not safety critical and we recommend including a non-specific signifier such as an asterisk.

" S " is safety critical and represents a listed critical component in the product and cannot be left out.

For more information, please refer to "Approvals and certifications" in LINAK Application Design Recommendations found under User Manual for any given product on LINAK.com.

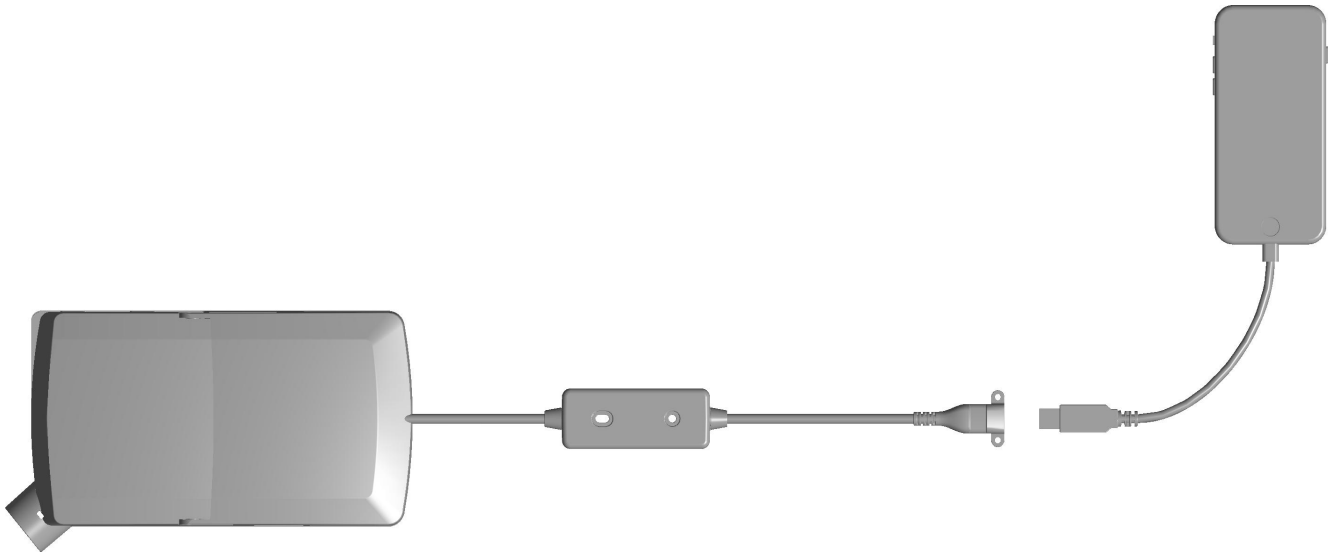
System example

With PCP connector (item no. USBAMB04-1000)



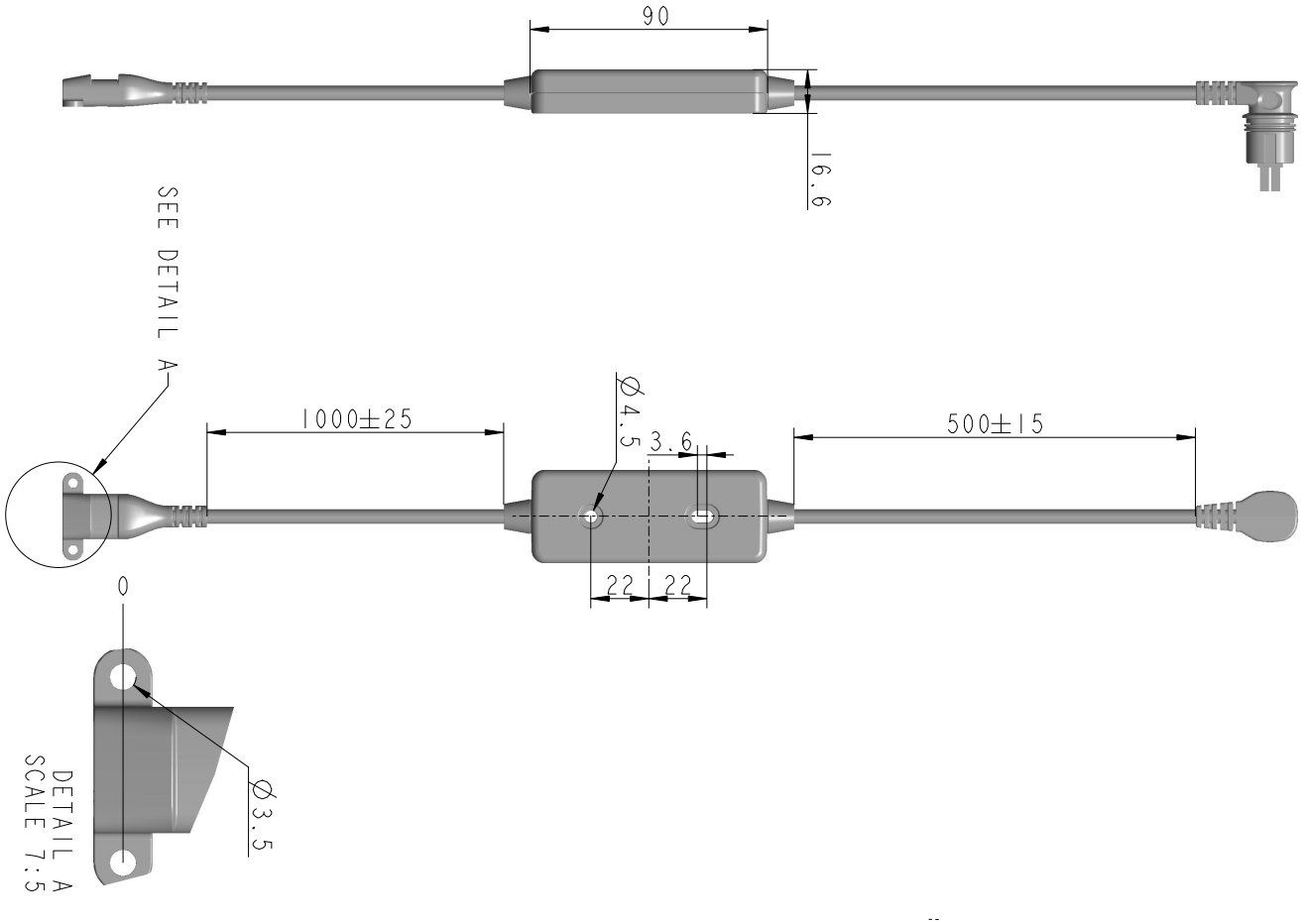
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Without PCP (item no. USBAM004-1000)

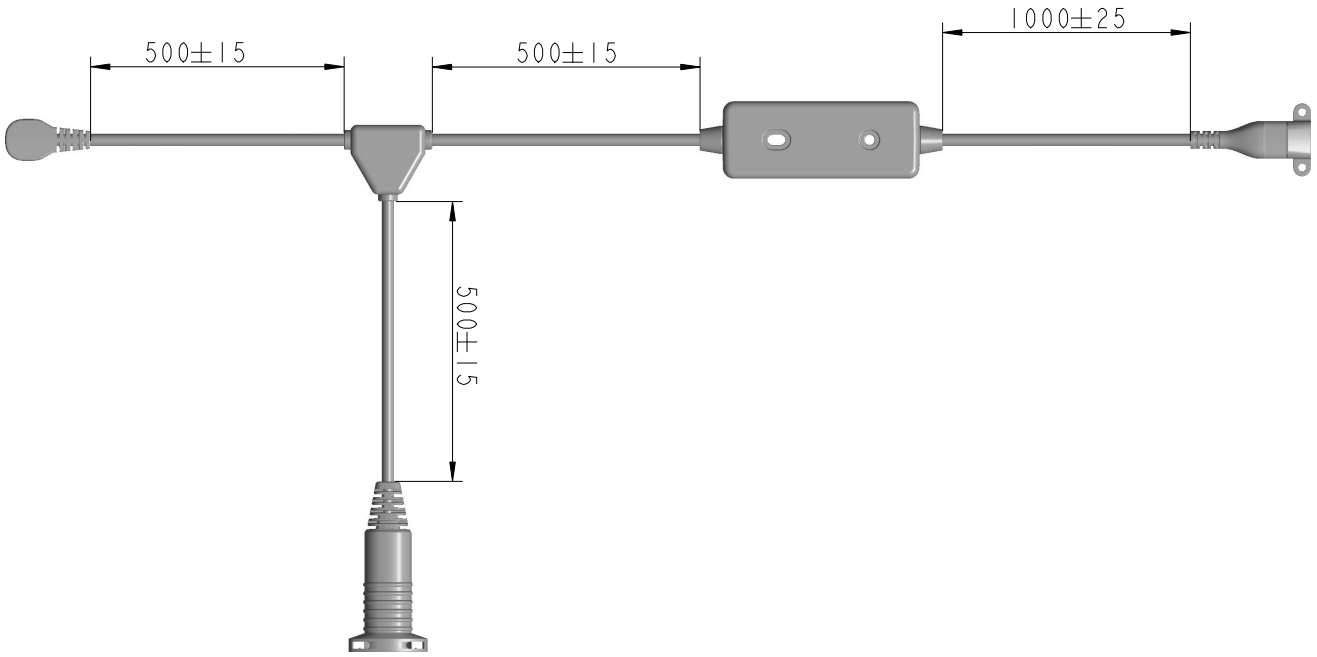


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Dimensions



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