TC12
series

Product Segments
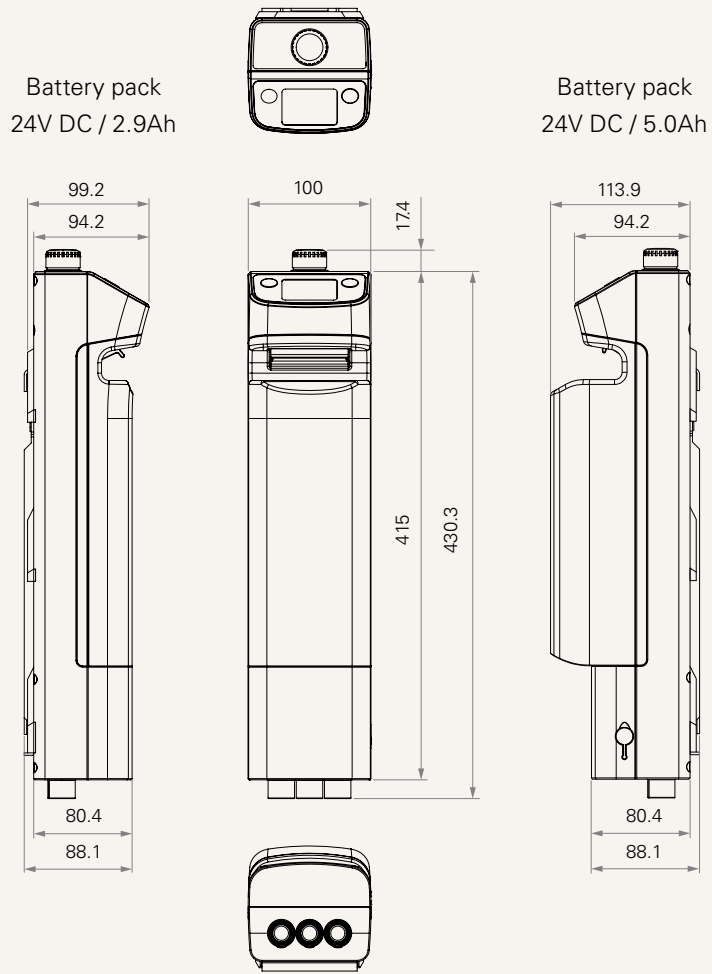
• **Care Motion**

We create an optimum solution to meet specific patient needs and to secure a safe and comfortable transfer as well as achieving a safe and efficient working environment for the caregivers.

General Features

Number of motors	1~3
Max. output	24VDC, 10A
IP rating	IP66
Back-up battery	Detachable battery pack
Options	LCD display, LED power indicator
Certificate	IEC60601-1, ES60601-1, IEC60601-1-2
Operational temperature range	+5°C~+45°C

With wall mount battery charger-TBC2 (Note: charge cradle is optional)

Battery alarm when battery with lower capacity remaining
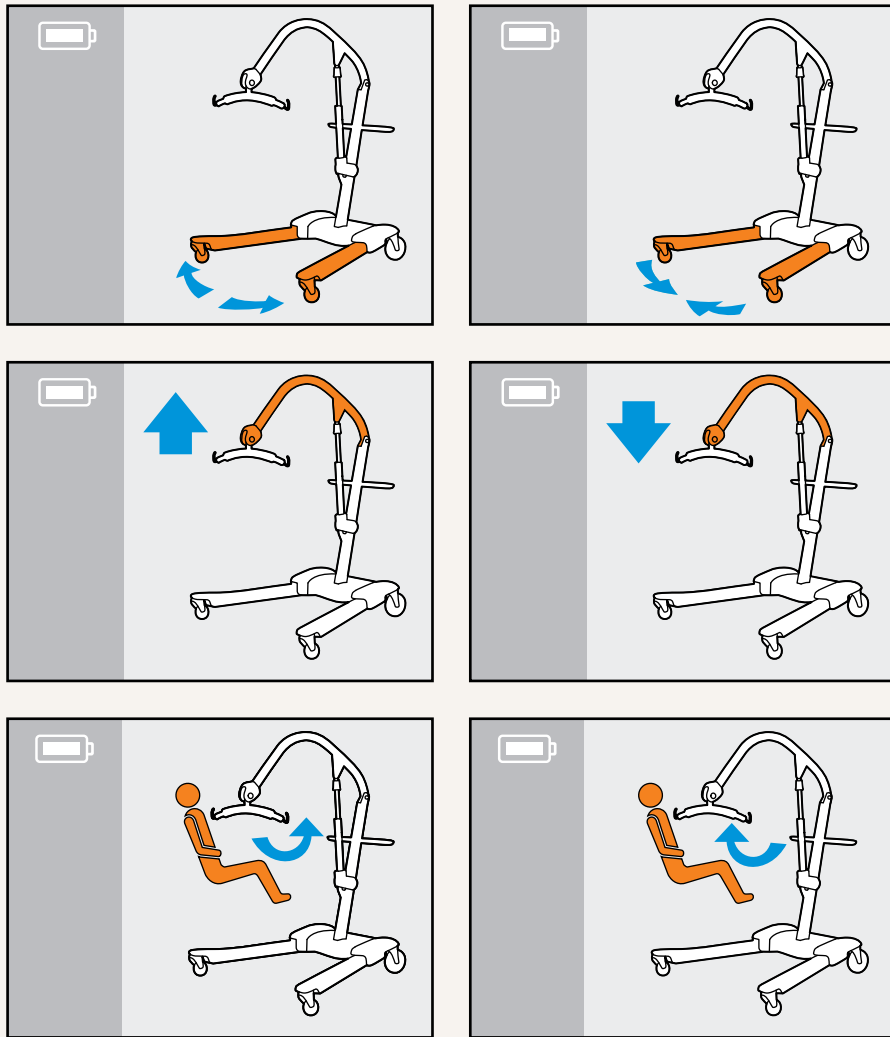
Emergency stop button

Easy installation
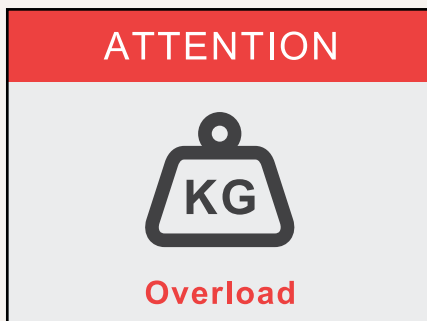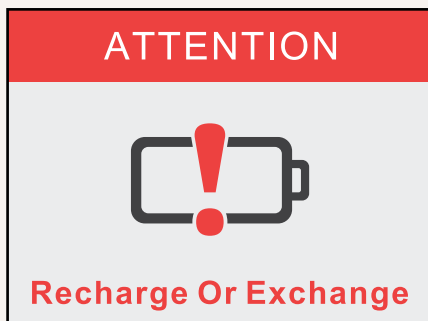
Drawing

Standard Dimensions
(mm)

Battery pack
24V DC / 2.9Ah

Battery pack
24V DC / 5.0Ah

99.2
94.2
100
17.4
113.9
94.2
415
430.3
80.4
88.1
80.4
88.1

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Operation Status

Control legs open / close and sling up / down

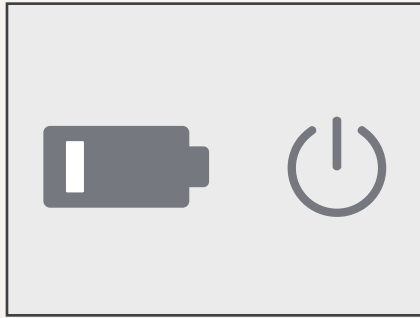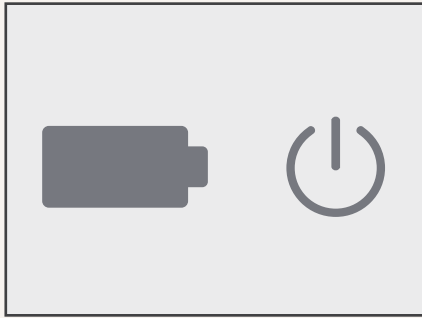## Notification

Alarm for low battery capacity, overloading, and safety switch to prevent over extending

ATTENTION
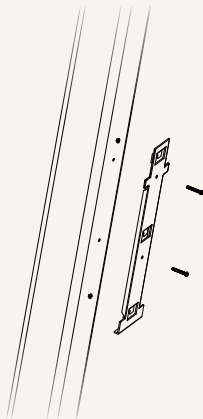
Recharge Or Exchange

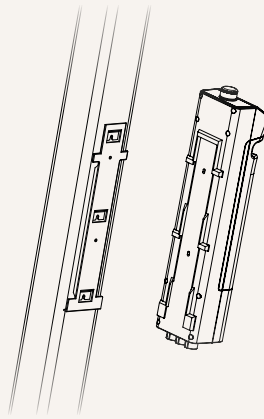ATTENTION

Overload

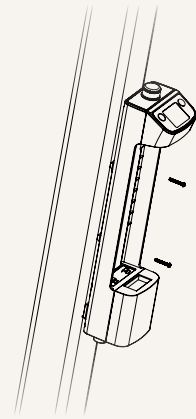**Battery Status**

Installation Guide
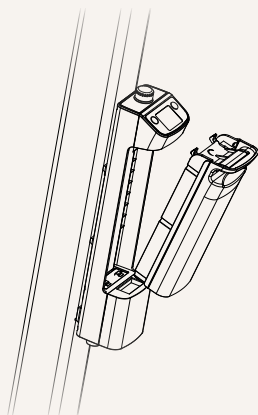
1. Install the bracket on the hoist frame

2. Install the TC12 on the bracket

3. Make sure all fasteners are tightened properly

4. Install the battery

5. Installation is complete

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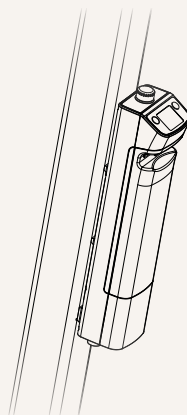
System Overview

Control box: TC12
Control: TH10 or TMH3
Actuators for lifting: TA12, TA23, or TA36
Actuators for leg adjustment / sling angle: TA16 or TA23
Accessories: Wall mount charger - TBC2 (required),
　　　　　　 charging cradle* (optional)

TYC

Actuator for leg adjustment	Actuator for the angle of a sling	Actuator for lifting	Controls	Accessories

TA16

TA12

TH10

TBC2

Wall mount charger
(Required)

TA23

TA23

TMH3

Charging cradle
(Optional)

TA36
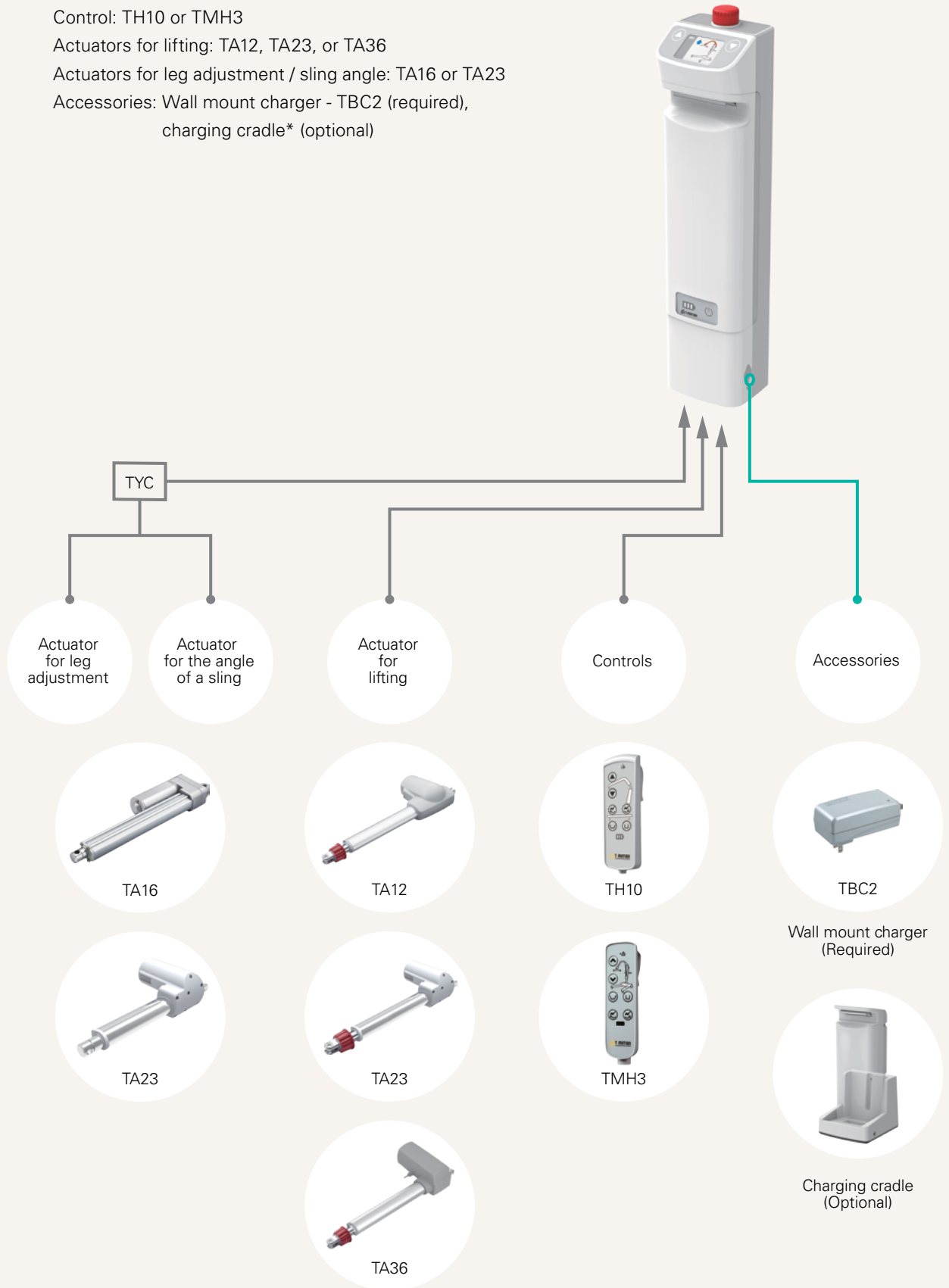
Note

1 One of TBC2's options is a charging cradle which allows the battery pack to charge separate from the control box.

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TC12 Ordering Key

Battery Pack	3 = 24V DC / 2.9Ah + LED power indicator		
See page 8	4 = 24V DC / 5.0Ah + LED power indicator		
	8 = 2.5Ah (lithium battery) + LED power indicator		
	9 = 4.5Ah (lithium battery; Hazardous packaging) + LED power indicator		
	B = 10Ah (lithium battery; Hazardous packaging) + LED power indicator		
Number of Actuators	1 = 1	2 = 2	3 = 3
Color	1 = Standard (Upper housing: light grey 1C; Lower Housing: cold grey 5C)		
Digital Display	1 = Black / white display, 2 buttons	5 = Without display, 4 buttons, LED power indicator	
	2 = Color display, 2 buttons	6 = Without display, 4 buttons	
	3 = Without display, no button	8 = Without display, 2 buttons, LED power indicator	
	4 = Without display, 2 buttons		
IP Rating	1 = Without	2 = IP54	3 = IP66

TC12 - **Without MCU** Ordering Key

TC12

Battery Pack	3 = 24V DC / 2.9Ah + LED power indicator	
See page 8	4 = 24V DC / 5.0Ah + LED power indicator	
	8 = 2.5Ah (lithium battery) + LED power indicator	
	9 = 4.5Ah (lithium battery; Hazardous packaging) + LED power indicator	
	B = 10Ah (lithium battery; Hazardous packaging) + LED power indicator	

|			
Number of Actuators	1 = 1	2 = 2	
Color	1 = Standard (Upper housing: light grey 1C; Lower Housing: cold grey 5C)		
Digital Display	0 = Without display, no button (without MCU)		7 = Without display, 2 buttons (without MCU)
IP Rating	1 = Without	2 = IP54	3 = IP66

Battery Pack

3 = 24V DC / 2.9Ah + LED power indicator

8 = 2.5Ah (lithium battery) + LED power indicator

9 = 4.5Ah (lithium battery; Hazardous packaging) + LED power indicator

B = 10Ah (lithium battery; Hazardous packaging) + LED power indicator

4 = 24V DC / 5.0Ah + LED power indicator
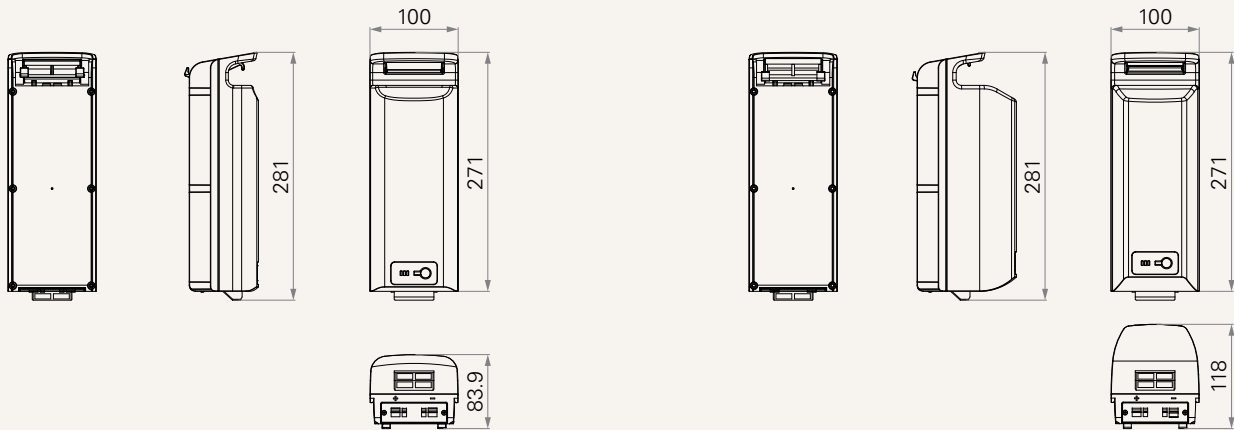
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