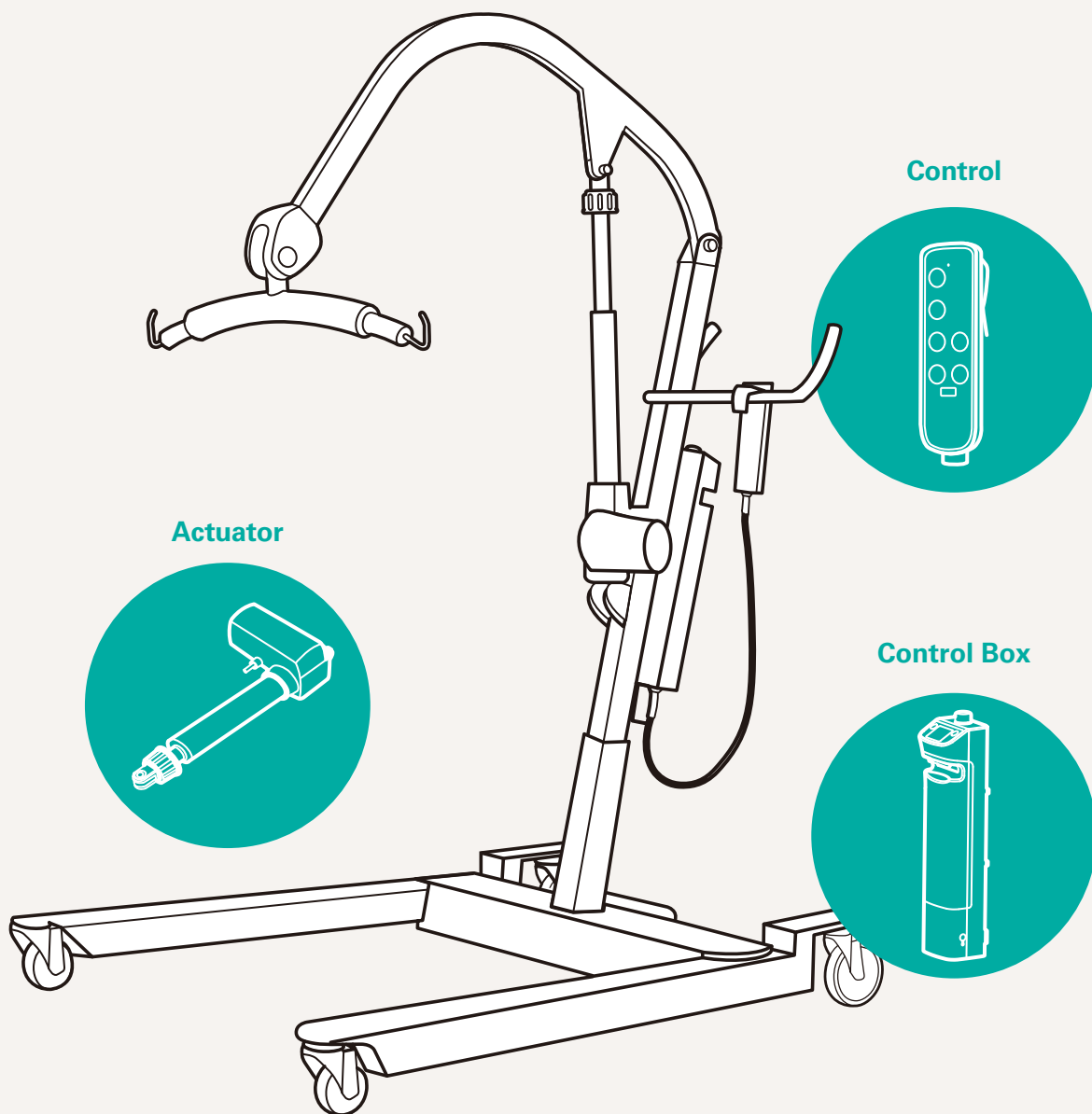


ACTUATION SYSTEMS for HIGH-END PATIENT LIFT APPLICATIONS

TiMOTION has created an optimum solution to meet specific patient needs and to secure a safe and comfortable transfer as well as achieve a safe and efficient working environment for the caregivers.

This solution provides high-end patient lifts at hospitals.



AN INTELLIGENT ACTUATION SYSTEM FOR PATIENT LIFTS

TC12 is a high-end control box for a patient hoist system which meets specific patient needs and secures a safe and comfortable transfer. It offers multiple display and flexible battery charge options. Its slim physical design meets the installation dimension requirements. In addition, it offers flexible and customized key products based upon the customer's needs.



TC12 KEY FEATURES:

- Multiple LCD display: No Display / Black-White / Color
- Detachable battery pack: 2.9Ah or 5Ah
- With wall mount battery charger-TBC2 (Note: charge cradle is optional)
- IP rating: Up to IP54
- Certificate: IEC60601-1, ES60601-1, IEC60601-1-2
- Emergency stop button
- Easy installation

System Overview

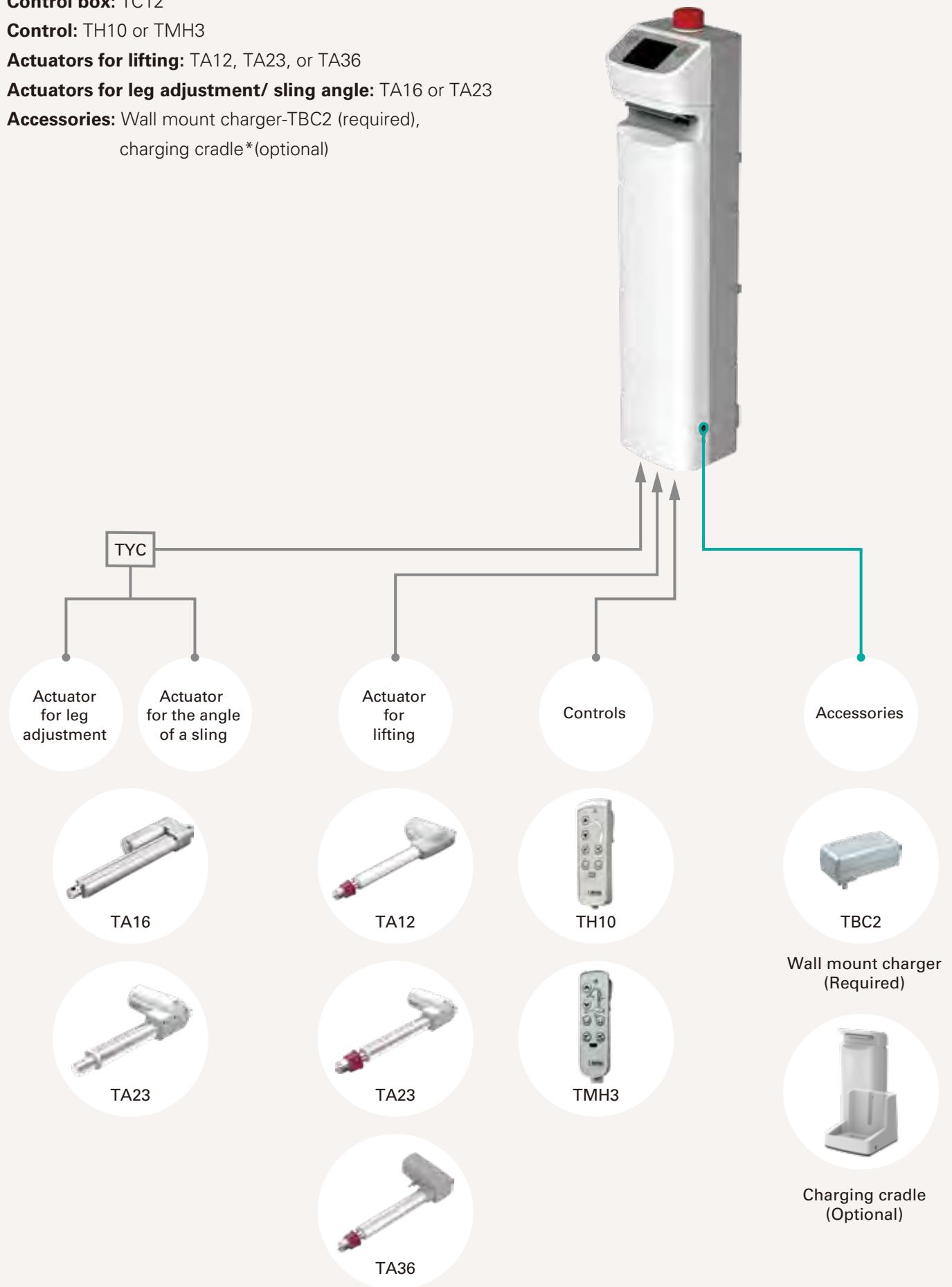
Control box: TC12

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)



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



TMH3



TH10

CONTROL TMH3/ TH10 SERIES

- TMH3 has a detachable handset cord
- Supports a maximum of three actuators
- LED indicator for the battery status
- Interface for lifting/ lowering, leg adjustments, and overload warning

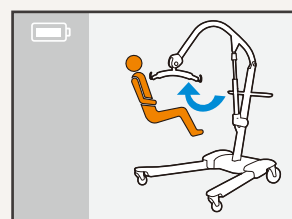
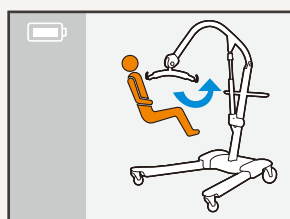
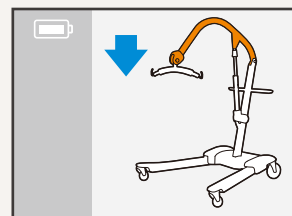
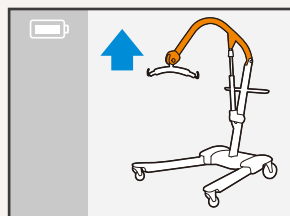
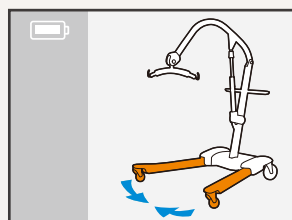
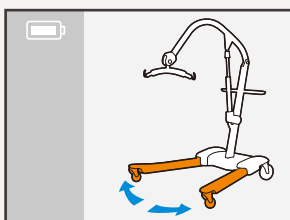


ACCESSORY TBC2 SERIES

- A wall mount battery charger for TC12
- *Note: The TBC2 must always be ordered separately when ordering TC12

Operation Status:

Control legs open / close and sling up / down

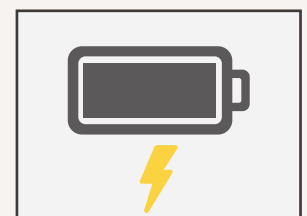
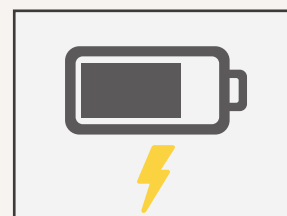
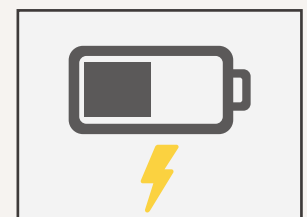
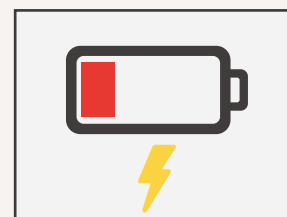


Notification


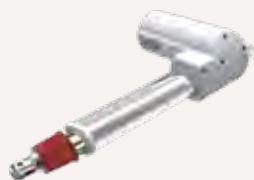

Alarm for low battery capacity, overloading, and safety switch to prevent over extending




Battery Status



Actuator for Lifting

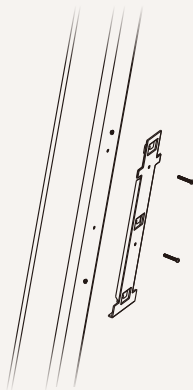
Model	Maximum Load in Push	Maximum Speed at Full Load	IP Rating	Manual Release
 <p>TA36</p>	10,000N	5.4mm/s (with 10,000N in a push condition)	IP66	Available
 <p>TA23</p>	8,000N	4.4mm/s (with 8,000N in a push condition)	IP66	
 <p>TA12</p>	12,000N	5.2mm/s (with 10,000N in a push condition)	IP66	

Actuator for Leg Adjustment /Angle of Sling

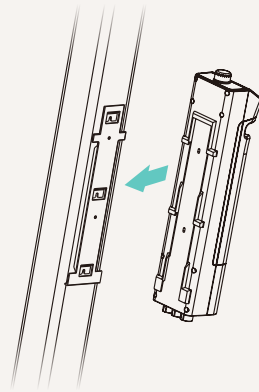
Model	Maximum Load in Push	Retracted Length
 <p>TA16</p>	3,500N	≥ Stroke+112mm
 <p>TA23</p>	8,000N	Stroke+163mm

Installation Guide

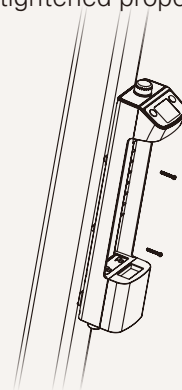
1. Install the bracket on the hoist frame



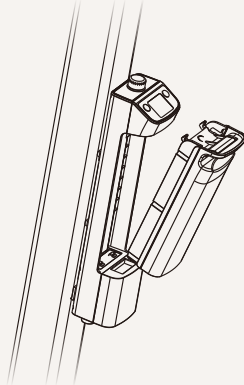
2. Install the TC12 on the bracket



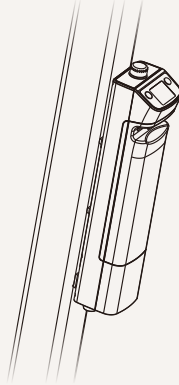
3. Make sure all fasteners are tightened properly



4. Install the battery

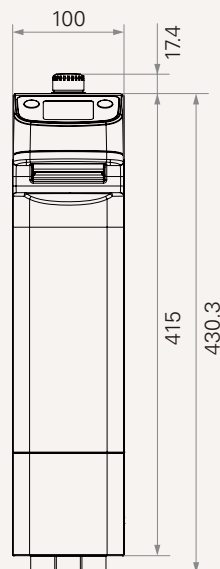
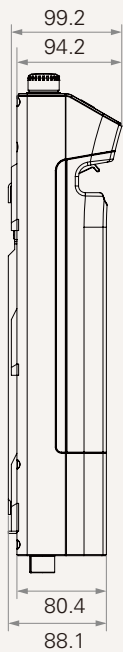


5. Installation is complete

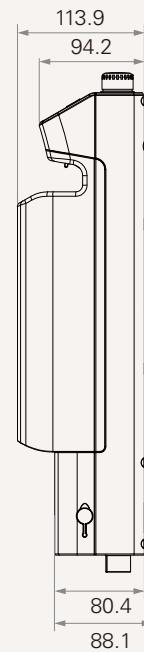


Standard Dimensions (mm)

Battery type: 24V, 2.9Ah



Battery type: 24V, 5Ah



Taiwan & China

Tel +886 2 2219 6633
sales.tw@timotion.com

Japan

Tel +81 6 6713 1188
sales.jp@timotion.com

Korea

Tel +82 31 745 1060
sales.kr@timotion.com

Europe

Tel +33 (0)1 74 82 50 51
sales.eu@timotion.com

USA

Toll Free (855) 235 1424
sales.us@timotion.com