

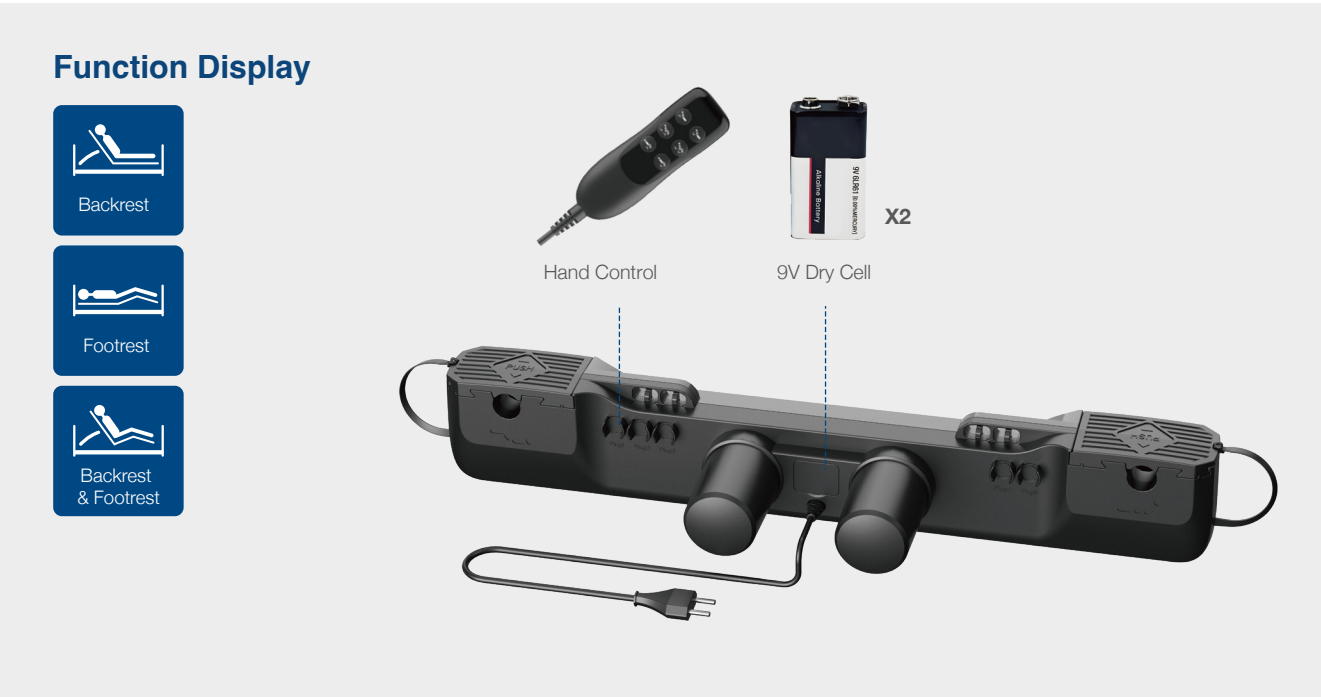


Dual Motor BBS35S18

SELECTION GUIDE

Dual Motor BBS35S18

Bedding System 1



Parameters

Dynamic Load In Push(N)	2*6500N
Colour	Black
Protection Class	IP20
Input Voltage	100VAC~240VAC
Output Voltage	29VDC
Stroke Length	Backrest stroke: 87mm Footrest stroke: 69mm
Installation Dimension	581(±4mm)
Noise Level	Single action: ≤48dB, (ambient noise≤40dB) Linkage action: ≤50dB,(ambient noise≤40dB)
Limit Switch	Built-in (electronic)
Protection	Over-current protection/ PTC protection
Control Options	BBSH35V5 Handset
External Dry Cells	Yes
Static Bending Moment	Lateral loads are not allowed
Speed At No Load	4.0mm/s
Speed At Full Load	3.5mm/s
Current At Full Load	≤4A

Dual Motor BBS35S18

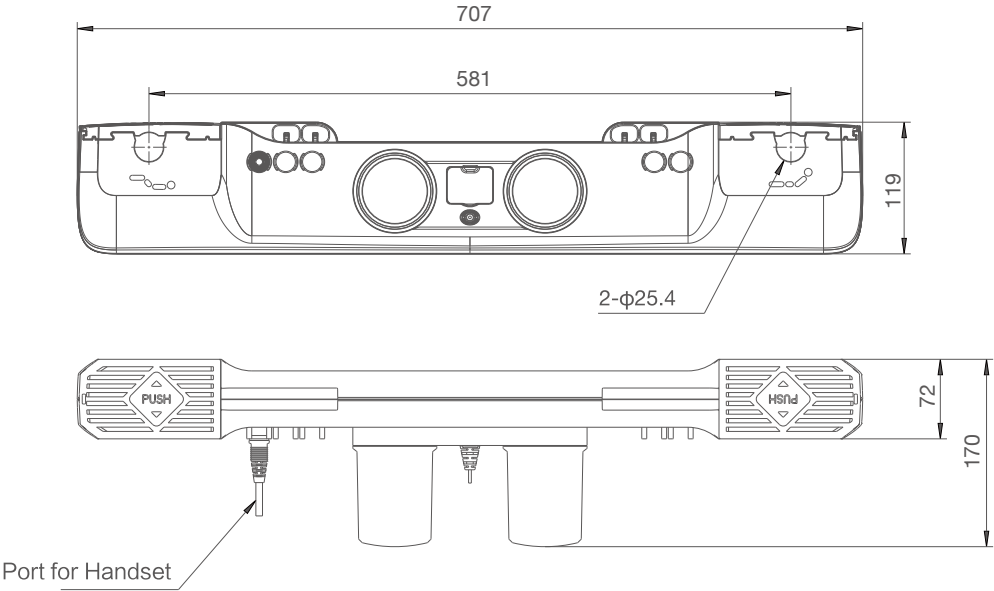
BBS35S18 is a compact and quiet dual motor integrated with power supply, control unit and linear motion. It can meet the primary function and offer economical choice for furniture beds.



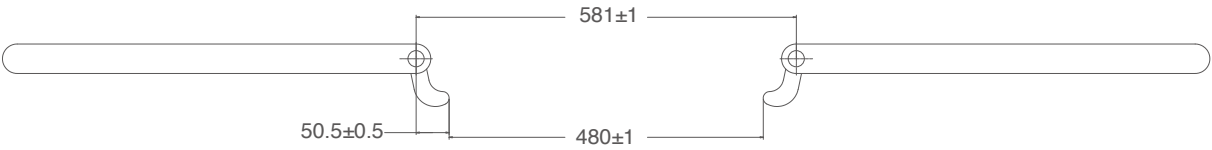
Usage

Duty Cycle	10%, max. continuous work for 2min. and 18 min. off
Operating Temperature	+5°C to +40°C
Reserve Temperature	-10~+50°C
Relative Humidity	20% to 90% at 30°C, non condensing
Atmospheric Pressure	700-1060hPa
Approval	EN60335-1:2012+A11+A13+A1+A2+A14, EN62233:2008, ENISO12100:2010

Dimensions



Wheelbase Dimensions



BBSH35V5

The BBSH35V5 handset is suitable for furniture beds. The unique mirror design makes the appearance novel. The laser engraved patterns on the buttons are simple and clear, and have wear resistance, prolonging the service life.



Parameters

Protection Class	/
Number Of Buttons	Up to 6 buttons
Number Of Actuators	Drive up to 2 actuators simultaneously
Color	Black
Operation	Easy to operate with both hands
Plug And Cable Length	5 pin DIN plug, straight cable, 1.5m

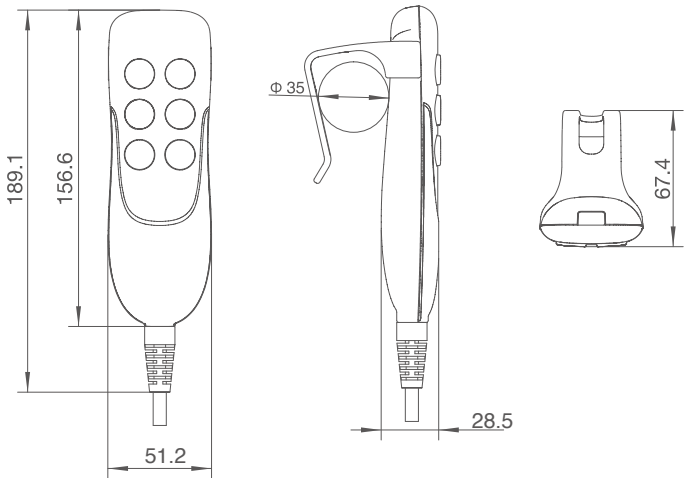
Usage

Operating temperature	+5°C to +40°C
Storage temperature	-10°C to +50°C
Relative humidity	20% to 80% - no condensation
Atmospheric pressure	860 to 1060 hPa
Altitude	Up to 2000m

Key Functions

Button	Function Description	Button	Function Description
	Back rest upwards		Back rest downwards
	Back rest & Lower leg rest upwards		Back rest & Lower leg rest downwards
	Lower leg rest upwards		Lower leg rest downwards

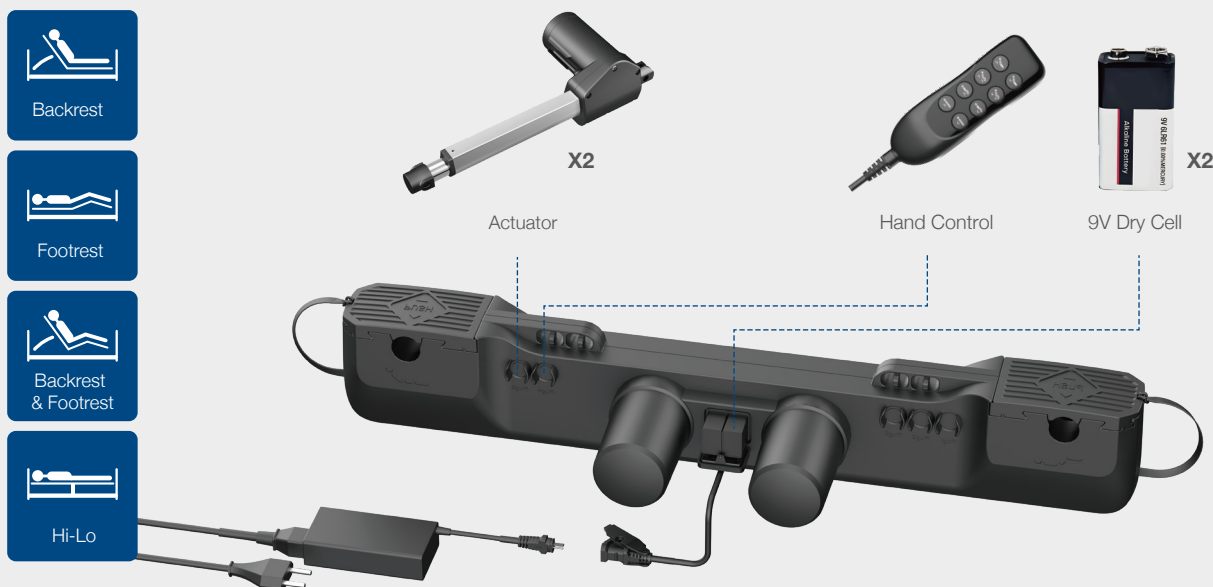
Dimension



Dual Motor BBS35S18

Bedding System 2

Function Display



Parameters

Dynamic Load In Push(N)	2*6500N
Colour	Black
Protection Class	IP20
Input Voltage	100VAC~240VAC
Output Voltage	29VDC
Stroke Length	Backrest stroke: 87mm Footrest stroke: 69mm
Installation Dimension	581(±4mm)
Noise Level	Single action: ≤48dB, (ambient noise≤40dB) Linkage action: ≤50dB,(ambient noise≤40dB)
Limit Switch	Built-in (electronic)
Protection	Over-current protection/ PTC protection
Control Options	BBSH35V6 Handset
External Dry Cells	Yes
Static Bending Moment	Lateral loads are not allowed
Speed At No Load	4.0mm/s
Speed At Full Load	3.5mm/s
Current At Full Load	≤4A
External Actuators	2*BBS35L22

Dual Motor BBS35S18

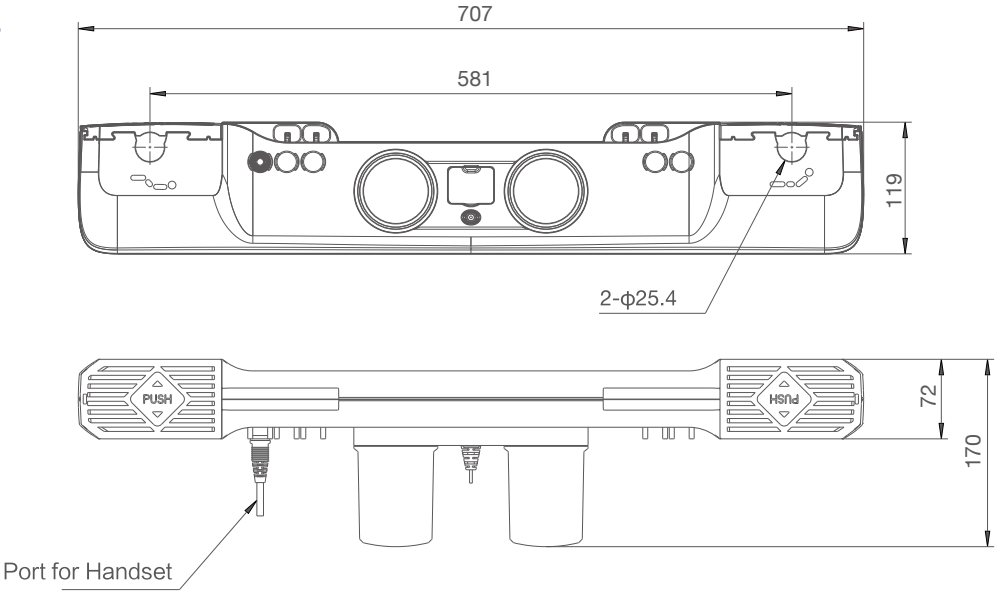
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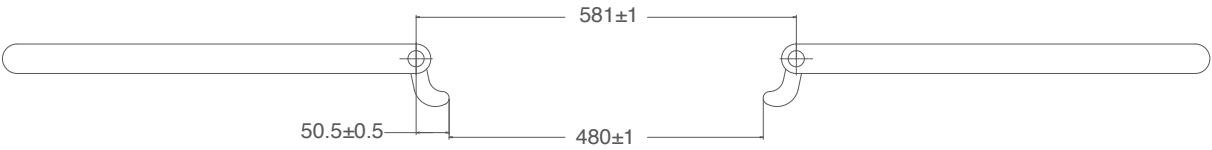
Usage

Duty Cycle	10%, max. continuous work for 2min. and 18 min. off
Operating Temperature	+5°C to +40°C
Reserve Temperature	-10~+50°C
Relative Humidity	20% to 90% at 30°C, non condensing
Atmospheric Pressure	700-1060hPa
Approval	EN60335-1:2012+A11+A13+A1+A2+A14, EN62233:2008, ENISO12100:2010

Dimensions



Wheelbase Dimensions



BBSH35V6



Parameters

Protection Class	/
Number Of Buttons	Up to 8 buttons
Number Of Actuators	Drive up to 2 actuators simultaneously
Color	Black
Operation	Easy operation for both left and right hands
Plug And Cable Length	9 pin DIN plug, straight cable, 1.5m

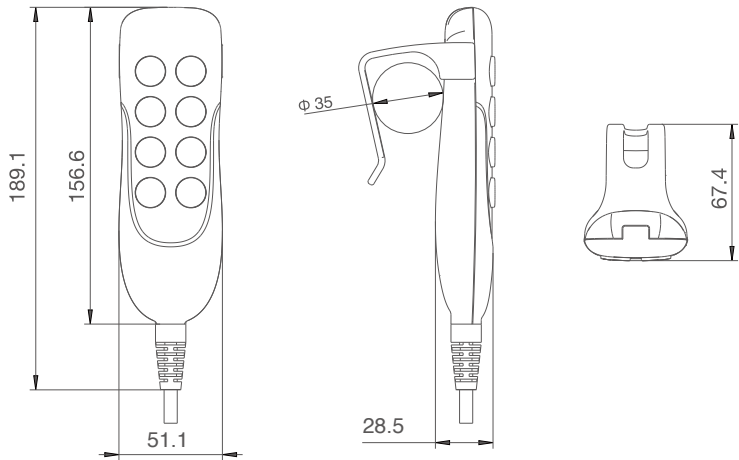
Usage

Operating temperature	+5°C to +40°C
Storage temperature	-10°C to +50°C
Relative humidity	20% to 80% - no condensation
Atmospheric pressure	860 to 1060 hPa
Altitude	Up to 2000m

Key Functions

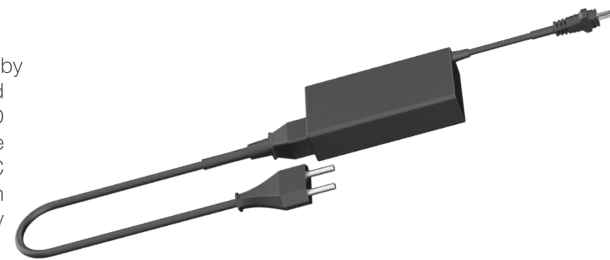
Button	Function Description	Button	Function Description
	Back rest upwards		Back rest downwards
	Back rest&Lower leg rest upwards		Back rest&Lower leg rest downwards
	Lower leg rest upwards		Lower leg rest downwards
	Lying surface upwards		Lying surface downwards

Dimension



BBSP35PA-B

The BBSP35PA-B is an externally sourced power adapter featuring standby power consumption below 0.21W, delivering energy efficiency and environmental benefits while extending service life. Equipped with an LED indicator for intuitive display of power-on or abnormal status. The interchangeable connector design enables easier replacement. The AC power cord can be easily swapped out, allowing customers to replace it with the required AC power cord as needed for convenient inventory management.



Parameters

Input Voltage	100 – 240 VAC
Input Current	Max 7 A (at 100 – 120 VAC)
Input Frequency	50 – 60 Hz
Output	29 VDC 3 A (continuous load)
Ripple & Noise	MAX 500 mVp-p
Protection Class	IP20
Color	Black
Protection Features	Overvoltage protection, overheat protection, overcurrent protection, short-circuit protection
Duty Cycle	10%, max. continuous work for 2min. and 18 min. off
Standby Power Consumption	<0.21W
Output Plug Type	01 Waterproof Plug
Plastic Flame Resistance	UL94V0 Material: PC
Physical Dimensions (in mm)	145(L) × 63(W) × 42(H)
AC Input Connector	C8 socket
Housing Color	Black
Indicator Light	Green
Weight	Approx. 345 ± 10 grams

Usage

Operating Temperature	0°C to +40°C
Storage Temperature	0°C to +60°C
Relative Humidity	20% to 90%
Altitude	Up to 2000m

BBS35L22

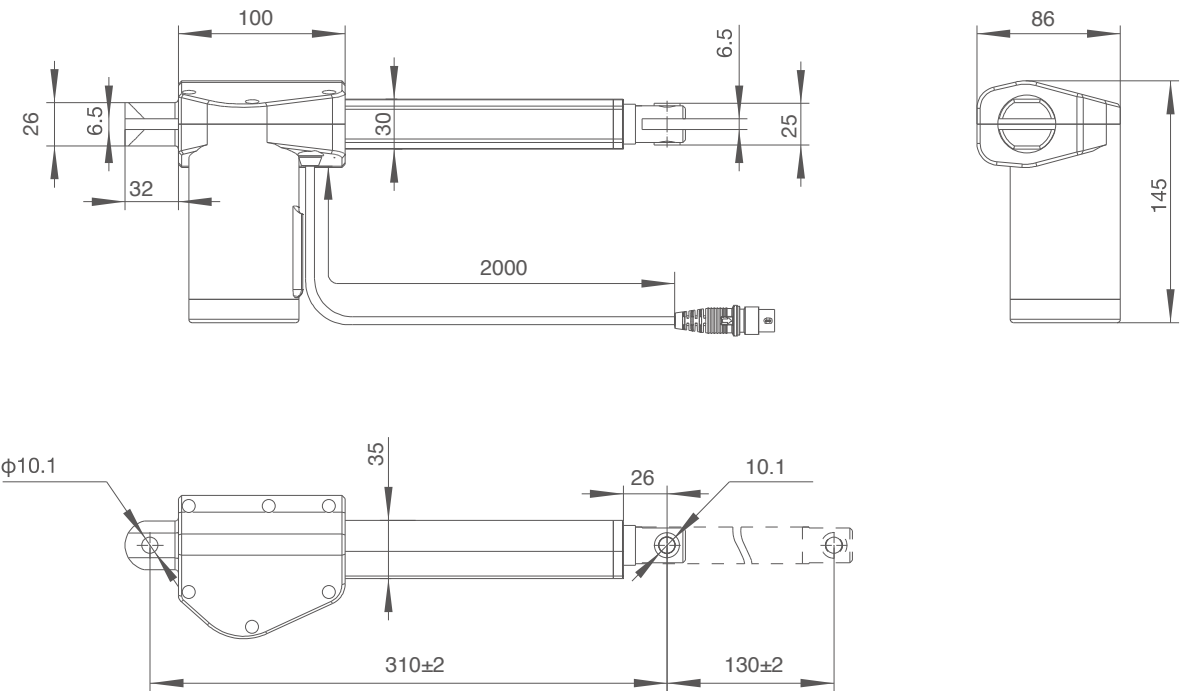
The BBS35L22 electric linear actuator is a cost-effective product. It features a compact structural design, occupies little space, and is easy to install in the frames of furniture beds. It can meet the needs of household beds for height and angle adjustment—for instance, it can easily lift the head or foot of the bed to provide users with a comfortable sleeping or resting posture.



Parameters

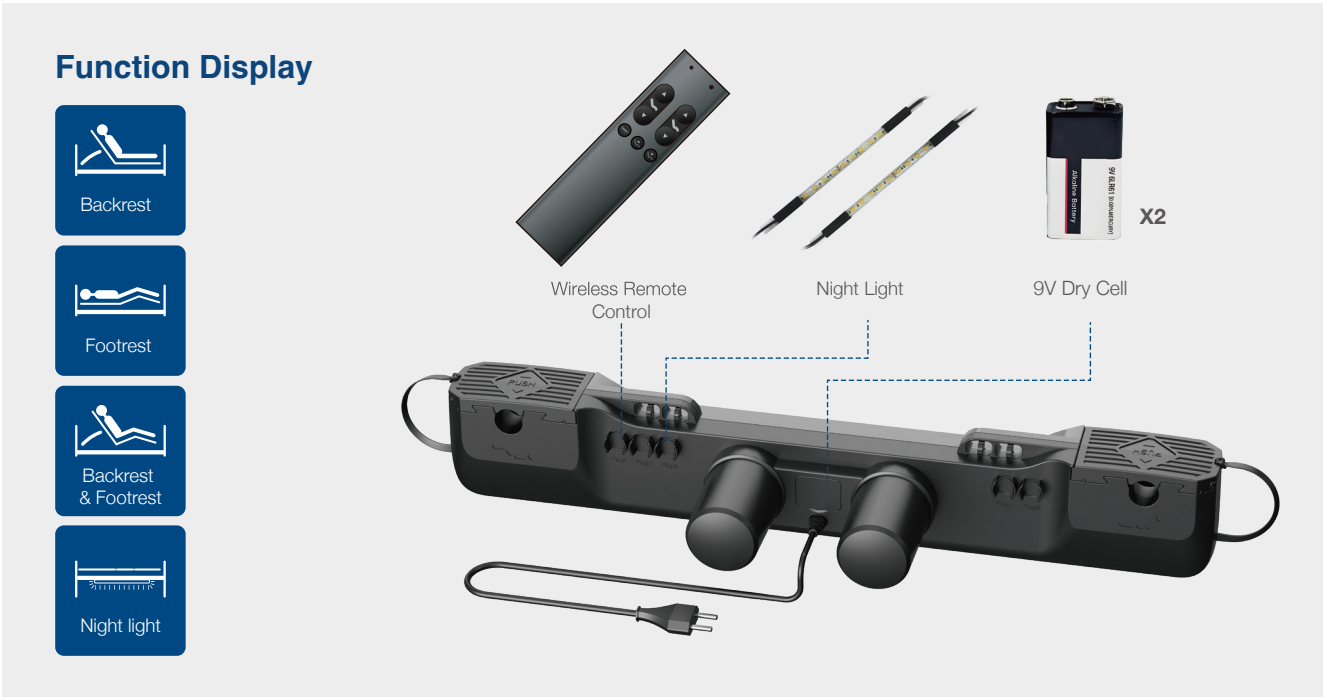
Voltage	29V
Load In Push (N)	6000N
Load In pull (N)	4000N
Mechanical Self-locking Force	6000N
Speed At No Load	7.7mm/s
Speed At Full Load:	3.8mm/s
Current At Full Load	≤6A
Stroke Length	130mm
Installation Dimensions (mm)	310mm
Noise Level	≤48dB (Environmental Noise ≤40dB)

Dimension



Dual Motor BBS35S18

Bedding System 3



Parameters

Dynamic Load In Push(N)	2*6500N
Colour	Black
Protection Class	IP20
Input Voltage	100VAC~240VAC
Output Voltage	29VDC
Stroke Length	Backrest stroke: 87mm Footrest stroke: 69mm
Installation Dimension	581(±4mm)
Noise Level	Single action: ≤48dB, (ambient noise≤40dB) Linkage action: ≤50dB,(ambient noise≤40dB)
Limit Switch	Built-in (electronic)
Protection	Over-current protection/ PTC protection
Control Options	BBSHR35H10 Wireless remote control
External Dry Cells	Yes
Night Light Function	Yes
Static Bending Moment	Lateral loads are not allowed
Speed At No Load	4.0mm/s
Speed At Full Load	3.5mm/s
Current At Full Load	≤4A

Dual Motor BBS35S18

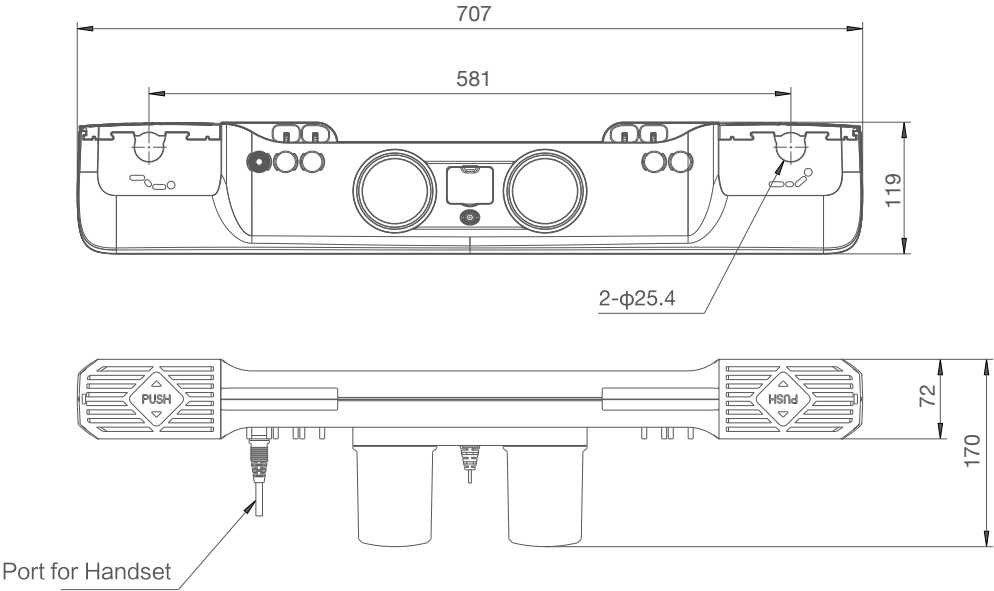
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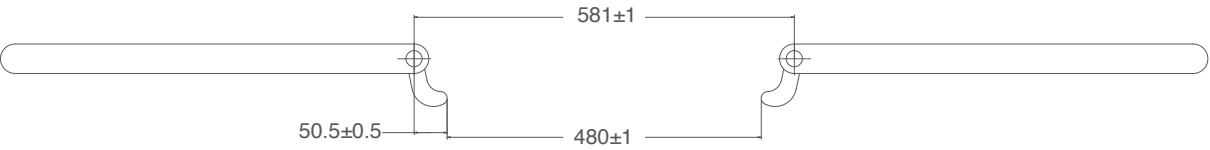
Usage

Duty Cycle	10%, max. continuous work for 2min. and 18 min. off
Operating Temperature	+5°C to +40°C
Reserve Temperature	-10~+50°C
Relative Humidity	20% to 80% at 25°C, non condensing
Atmospheric Pressure	700-1060hPa
Approval	EN60335-1:2012+A11+A13+A1+A2+A14, EN62233:2008, ENISO12100:2010

Dimensions



Wheelbase Dimensions



BBSHR35H10

- Powered by 2* AAA 3V batteries.
- The remote features low power consumption, with standby power $\leq 10\mu A$.
- It offers a seamless control range of up to 5 meters with no blind spots.
- During pairing, the remote stores the controller's address code to achieve one-to-one matching.
- The remote is equipped with transmission functionality.
- Silicone key buttons are adopted for the remote.
- Wireless frequency: 2.4GHz.



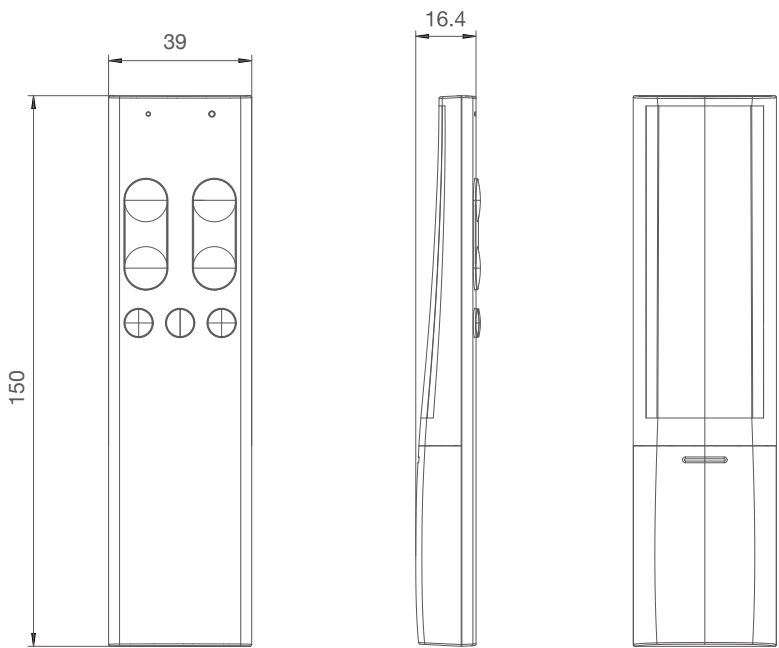
Usage

Operating environment:	Indoor
Storage And Transportation Temperature	-25°C to 70°C

Key Functions

Button	Function Description	Button	Function Description
	Back rest upwards		Lower leg rest upwards
	Back rest downwards		Lower leg rest downwards
 	Back rest&Lower leg rest upwards Back rest&Lower leg rest downwards		Night light button

Dimension



BBSP35E

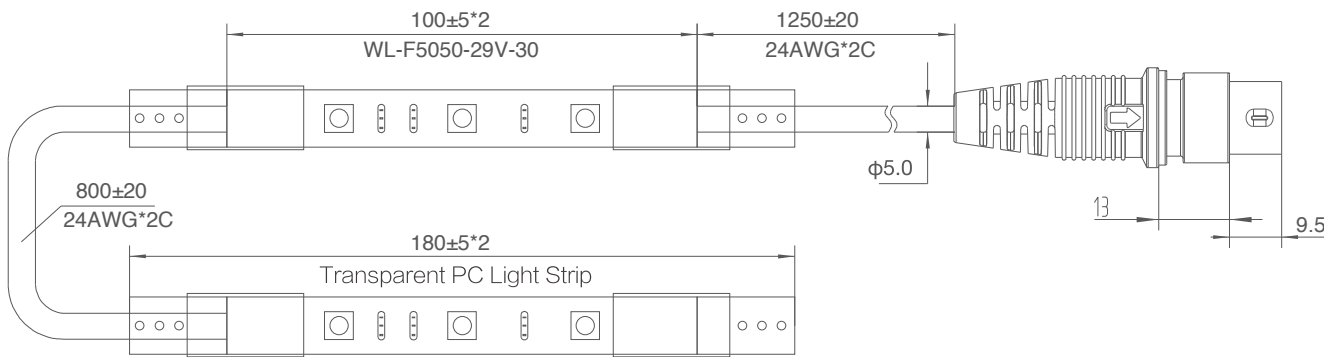
Under-bed BBSP35E light strip, with warm white light evenly diffused and rationally distributed, facilitates users' movement during dark nights when going out or returning, preventing collisions or falls, and enhancing safety during nighttime activities.



Parameters

Light Color	Warm White
LED Lifespan	50,000 hours (for reference only; actual lifespan depends on illumination intensity)
Plug	Optional
Protection Rating	Up to IPX65
Color	Black
Flame Retardant Rating	V0
Input Voltage	29 Vdc
Power Consumption	4.4W/M
Operating Temperature	-40° C to 80° C

Dimension



Dual Motor BBS35S18

Bedding System 5



Parameters

Dynamic Load In Push(N)	2*6500N
Colour	Black
Protection Class	IP20
Input Voltage	100VAC~240VAC
Output Voltage	29VDC
Stroke Length	Backrest stroke: 87mm Footrest stroke: 69mm
Installation Dimension	581(±4mm)
Noise Level	Single action: ≤48dB, (ambient noise≤40dB) Linkage action: ≤50dB,(ambient noise≤40dB)
Limit Switch	Built-in (electronic)
Protection	Over-current protection/ PTC protection
Control Options	BBSHR35H6C Wireless remote control
Night Light Function	Yes
External Dry Cells	Yes
Static Bending Moment	Lateral loads are not allowed
Speed At No Load	4.0mm/s
Speed At Full Load	3.5mm/s
Current At Full Load	≤4A
External Actuators	2*JC35L22

Dual Motor BBS35S18

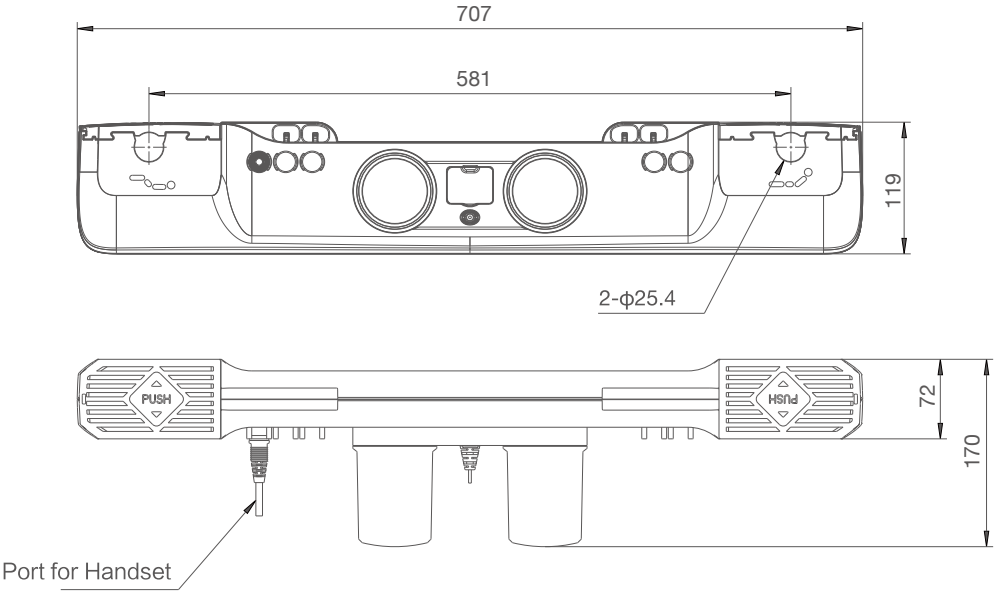
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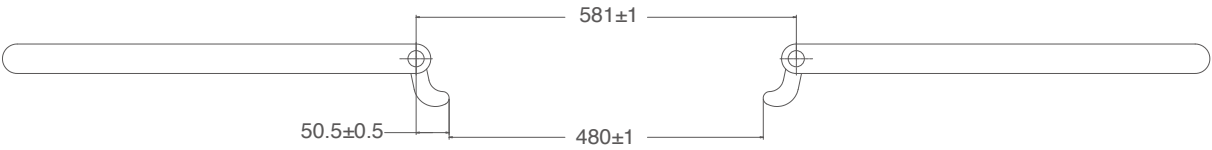
Usage

Duty Cycle	10%, max. continuous work for 2min. and 18 min. off
Operating Temperature	+5°C to +40°C
Reserve Temperature	-10~+50°C
Relative Humidity	20% to 90% at 30°C, non condensing
Atmospheric Pressure	700-1060hPa
Approval	EN60335-1:2012+A11+A13+A1+A2+A14, EN62233:2008, ENISO12100:2010

Dimensions



Wheelbase Dimensions



BBSHR35H6C

- AAA 4.5V Power Supply
- Remote control features low power consumption, standby power $\leq 20\mu\text{A}$;
- Remote control range is 5 meters with no blind spots;
- Remote features a toggle switch; when synchronizing two controllers, select single-action or synchronized mode via the switch;
- Remote stores the controller's address code during pairing, ensuring one-to-one matching;
- Remote functions as both transmitter and receiver.
- Housing color: Black
- Wireless frequency: 2.4 GHz



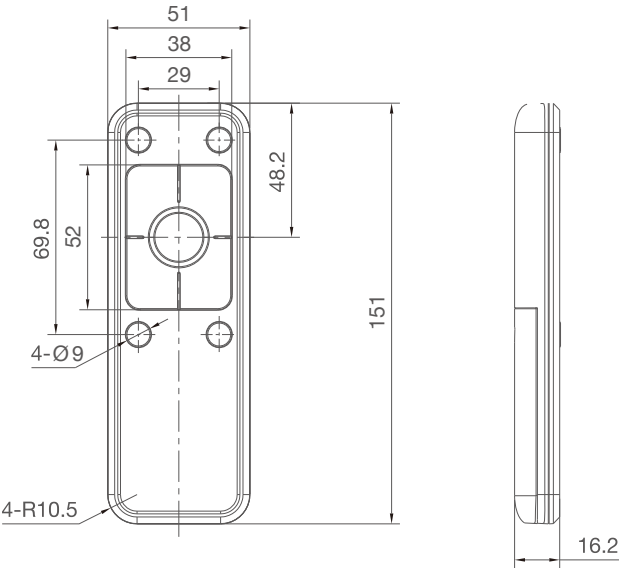
Usage

Operating Environment:	Indoor
Storage And Transportation Temperature	-25°C to 70°C

Key Functions

Button	Function Description	Button	Function Description
	Back rest upwards		Lower leg rest upwards
	Back rest downwards		Lower leg rest downwards
	Lying surface upwards		Lying surface downwards
	Memory Position Key 1		Flat Button
	Night light button		Child Lock Button

Dimensions



BBSP35E

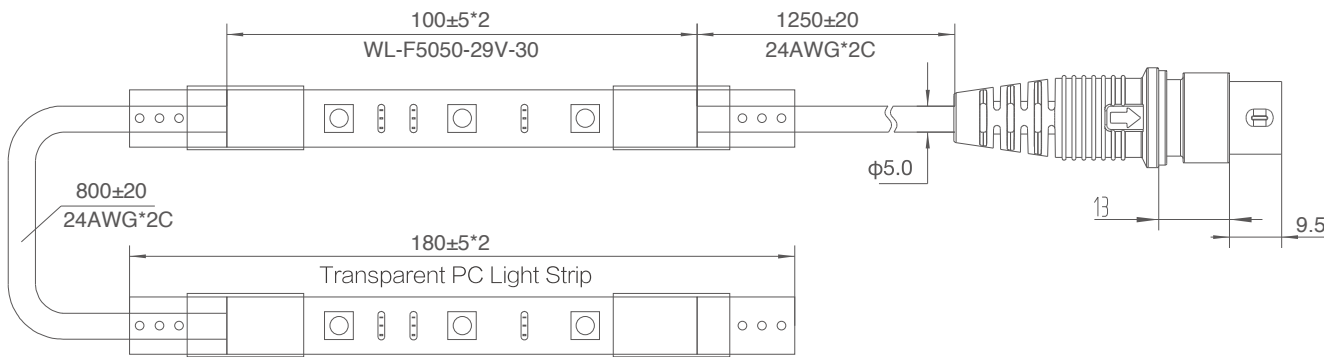
Under-bed BBSP35E light strip, with warm white light evenly diffused and rationally distributed, facilitates users' movement during dark nights when going out or returning, preventing collisions or falls, and enhancing safety during nighttime activities.



Parameters

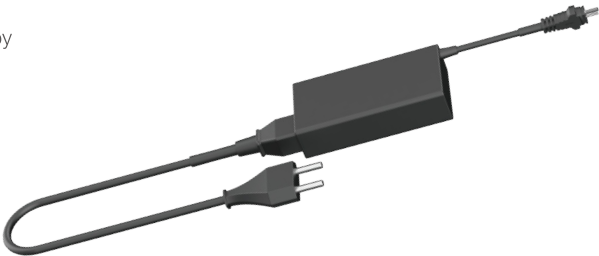
Light Color	Warm White
LED Lifespan	50,000 hours (for reference only; actual lifespan depends on illumination intensity)
Plug	Optional
Protection Rating	Up to IPX65
Color	Black
Flame Retardant Rating	V0
Input Voltage	29 Vdc
Power Consumption	4.4W/M
Operating Temperature	-40° C to 80° C

Dimension



BBSP35PA-B

The BBSP35PA-B is an externally sourced power adapter featuring standby power consumption below 0.21W, delivering energy efficiency and environmental benefits while extending service life. Equipped with an LED indicator for intuitive display of power-on or abnormal status. The interchangeable connector design enables easier replacement. The AC power cord can be easily swapped out, allowing customers to replace it with the required AC power cord as needed for convenient inventory management.



Parameters

Input Voltage	100 – 240 VAC
Input Current	Max 7 A (at 100 – 120 VAC)
Input Frequency	50 – 60 Hz
Output	29 VDC 3 A (continuous load)
Ripple & Noise	MAX 500 mVp-p
Protection Class	IP20
Color	Black
Protection Features	Overvoltage protection, overheat protection, overcurrent protection, short-circuit protection
Duty Cycle	10%, max. continuous work for 2min. and 18 min. off
Standby Power Consumption	<0.21W
Output Plug Type	01 Waterproof Plug
Plastic Flame Resistance	UL94V0 Material: PC
Physical Dimensions (in mm)	145(L) × 63(W) × 42(H)
AC Input Connector	C8 socket
Housing Color	Black
Indicator Light	Green
Weight	Approx. 345 ± 10 grams

Usage

Operating Temperature	0°C to +40°C
Storage Temperature	0°C to +60°C
Relative Humidity	20% to 90%
Altitude	Up to 2000m

BBS35L22

The BBS35L22 electric linear actuator is a cost-effective product. It features a compact structural design, occupies little space, and is easy to install in the frames of furniture beds. It can meet the needs of household beds for height and angle adjustment—for instance, it can easily lift the head or foot of the bed to provide users with a comfortable sleeping or resting posture.



Parameters

Voltage	29V
Load In Push (N)	6000N
Load In pull (N)	4000N
Mechanical Self-locking Force	6000N
Speed At No Load	7.7mm/s
Speed At Full Load:	3.8mm/s
Current At Full Load	≤6A
Stroke Length	130mm
Installation Dimensions (mm)	310mm
Noise Level	≤48dB (Environmental Noise ≤40dB)

Dimension

