ProtoArc

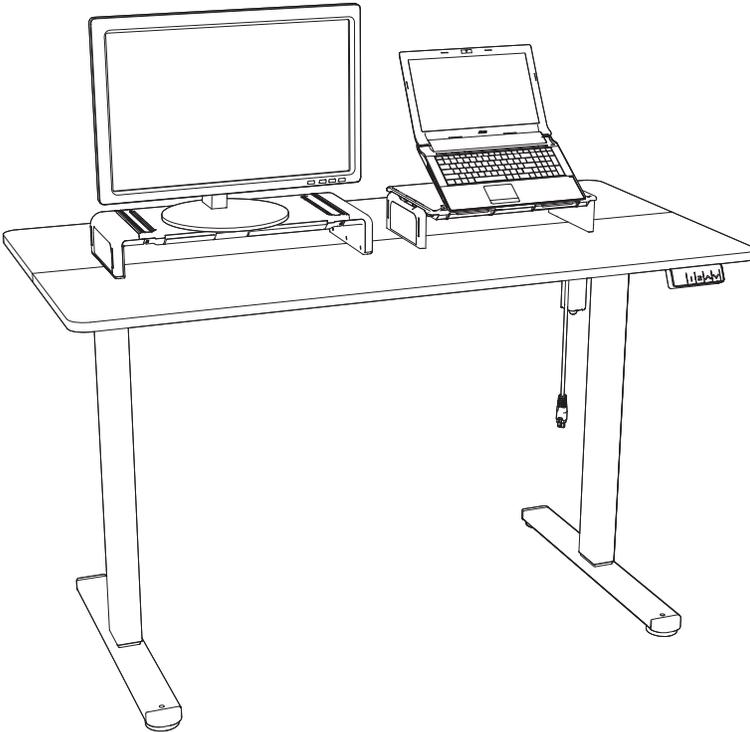# **ErgoDesk 100**

User Manual
Electric Standing Desk

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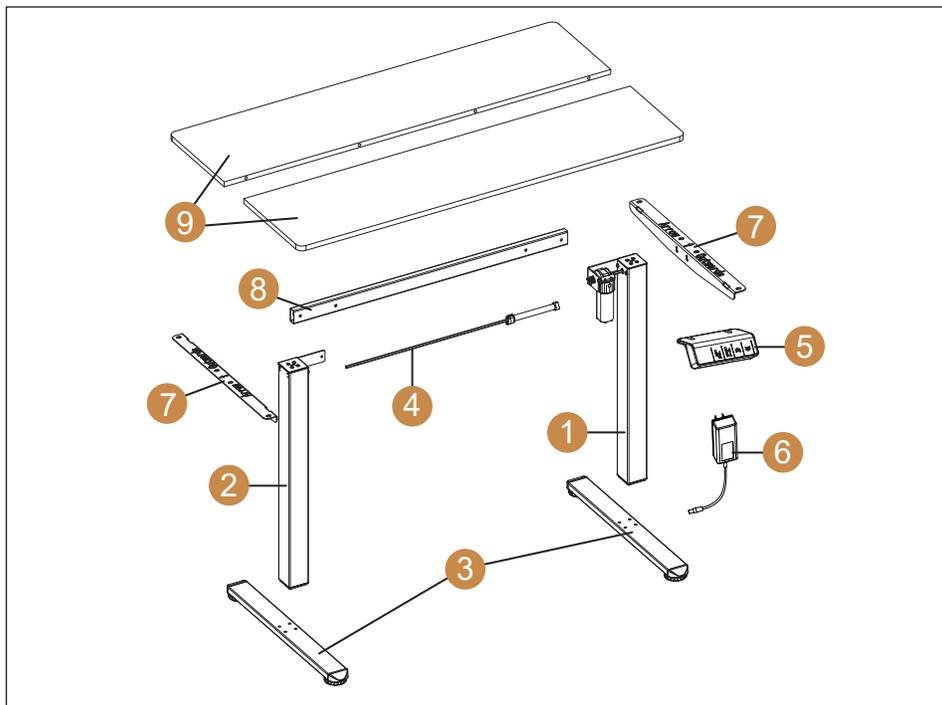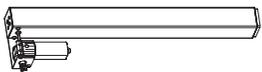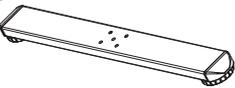Monday-Friday: 10am-1pm, 2pm-7pm (Eastern Time)*Closed during Holidays
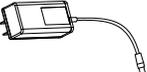
Specifications

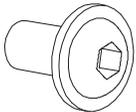|	
Max Weight Capacity	200 lbs
Max Speed	0.6''/s
Input Voltage	100-240V
Min Height	28.3 inches (72 cm)
Max Height	46.5 inches (118 cm)
Desktop Size	55×24 inches (140×60 cm)
Working Temperature	32°F-104°F

Installation Precautions

- Carefully review the accessory comparison card and verify if all the accessories are complete. The Arabic numerals and letters marked on the comparison card correspond to the components and accessories respectively.

- If you need an installation video for the product, please contact us via email or phone to obtain it.

- Install the product strictly in accordance with the sequence provided in the installation instructions **(do not skip steps)** to avoid spending more time on the installation process.

Component List

1 Right Table Leg (x1)	**2** Left Table Leg (x1)	**3** Leg Base (x2)
4 Transmission rod (x1)	**5** Control Panel (x1)	**6** Power (x1)
7 Side Plate (x2)	**8** Crossbar (x1)	**9** Tabletop (x1)
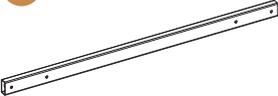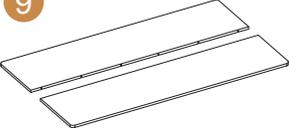
Hardware List

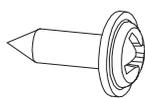|		
A Screws M6×11mm (x8)	B Screws M5×15mm (x16)	C Screws M6×35mm (x8)
D Headphone hanger (x2)	E Allen Key S=2mm (x1)	F Allen Key S=5mm (x1)
G Cable Clip (x2)	H Wood Tip (x6)	
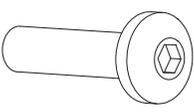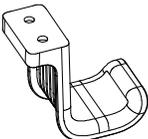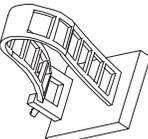
Spare Parts

A M6×11mm (x2)	B M5×15mm (x2)	C M6×35mm (x1)	H Wood Tip (x2)
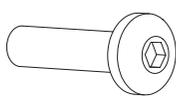
Installation Steps

Step 1   Install crossbeam

Required Accessories		
Accessory code	Image	Quantity
A		4
F		1

F

A

1

A

2

A

8

A

⚠️ **Please keep the arrow pointing upwards.**
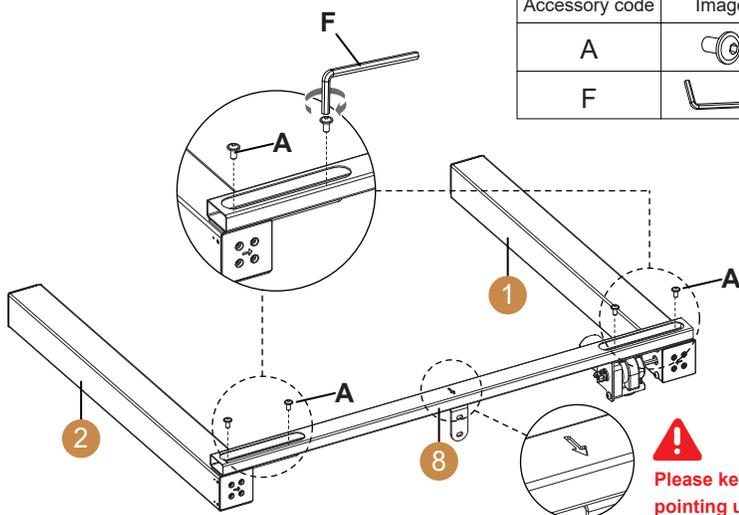
Step 2   Install table feet
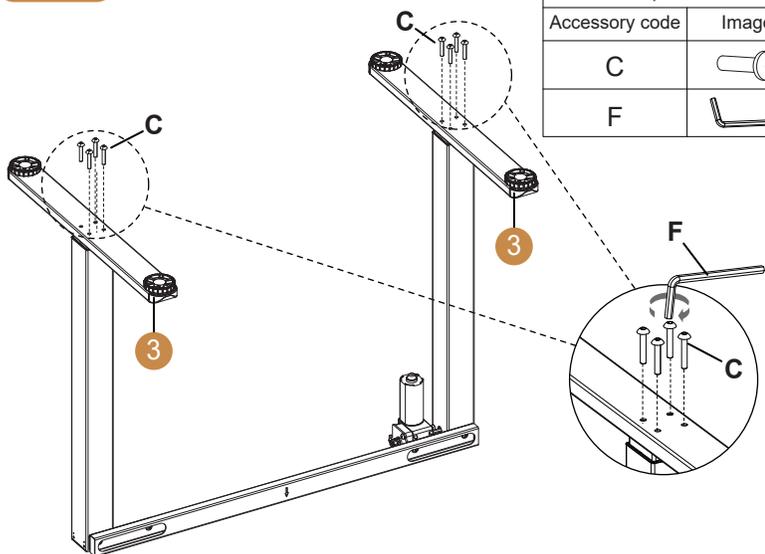
Required Accessories		
Accessory code	Image	Quantity
C		8
F		1

C

C

3

3

F

C

3

Step 3 — Install supporting plate
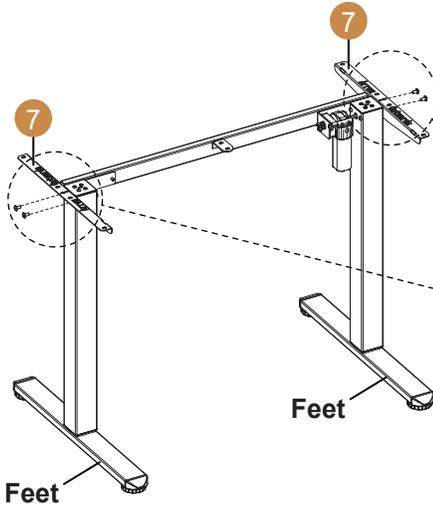
Required Accessories		
Accessory code	Image	Quantity
A		4
F		1

Please keep the arrow pointing outward.

A

F

Feet

Feet

7

7
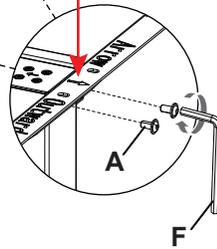
Step 4 — Install transmission rod

Transmission rod

Knob

Loosen the knob, and this transmission rod can be extended.
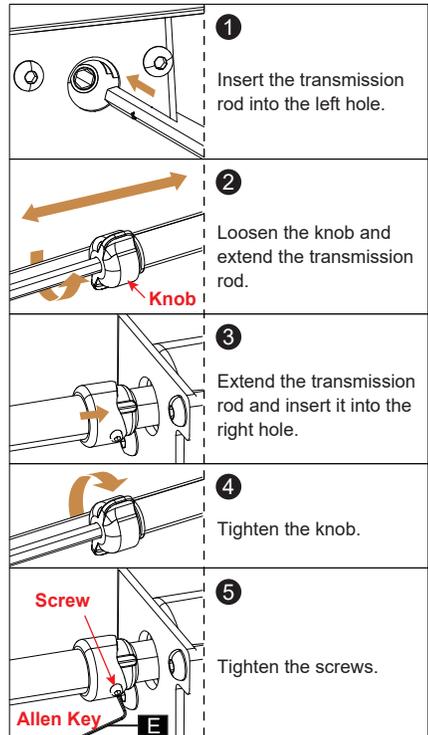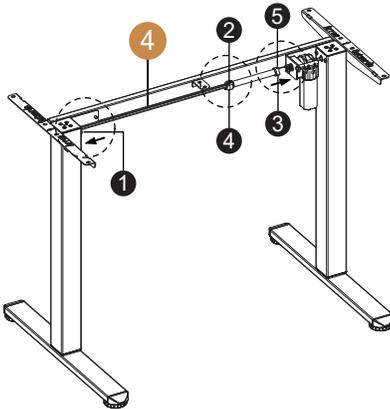
4 2 5
4 3
1

Required Accessories		
Accessory code	Image	Quantity
E		1

❶ Insert the transmission rod into the left hole.

❷ Loosen the knob and extend the transmission rod.

Knob

❸ Extend the transmission rod and insert it into the right hole.

❹ Tighten the knob.

❺ Tighten the screws.

Screw

Allen Key E

Connect the tabletop and the table frame

Required Accessories		
Accessory code	Image	Quantity
H		6

I

9

Screw holes
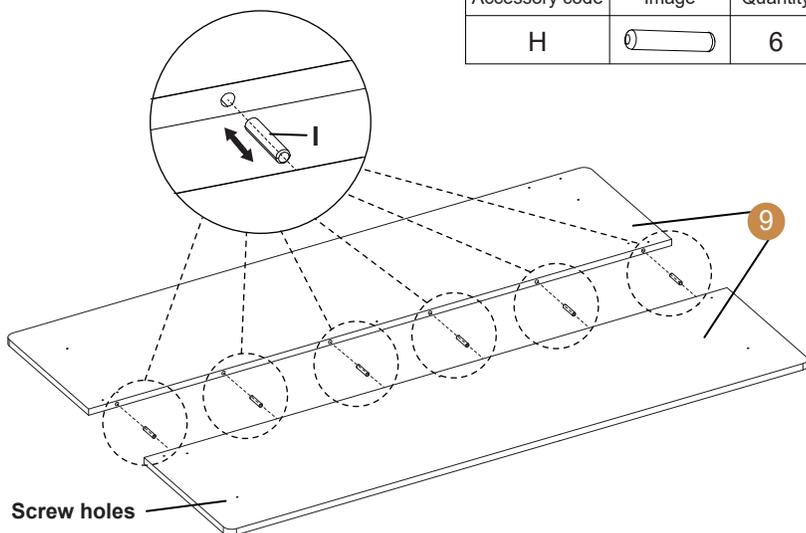
⚠ **The side is facing upward.**

Pistol Drill
(not included)

Required Accessories		
Accessory code	Image	Quantity
B		10

B

1

1

2

2
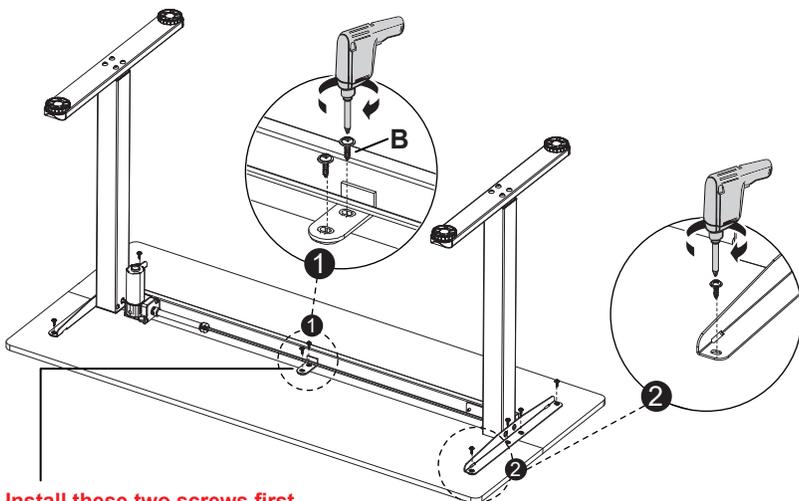
⚠ **Install these two screws first.**

Step 6 **Connect the tabletop and the table frame**

Required Accessories		
Accessory code	Image	Quantity
B		6
D		2

Pistol Drill
(not included)

B

H

①

B

②

⑤

②

①

①

②

⚠ **The motor and the panel are on the same side of the table.**
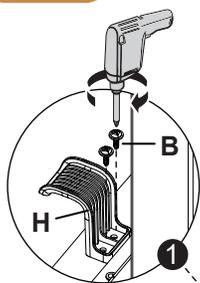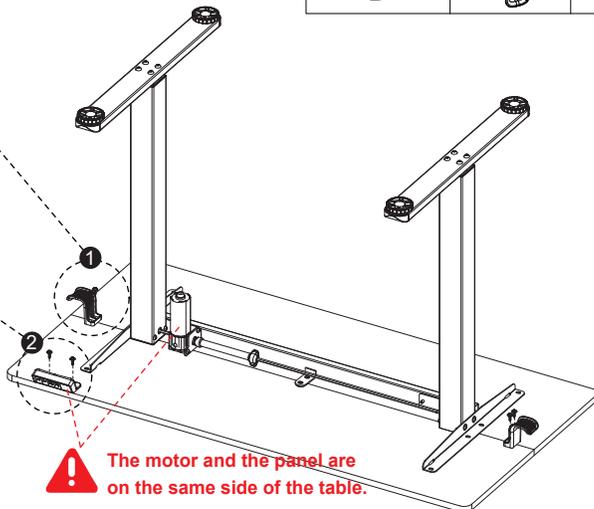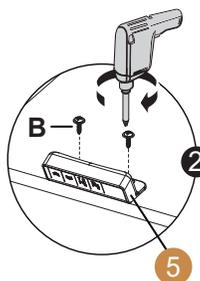
Step 7 **Install additional accessories**

②

⑥

①

①

②

G
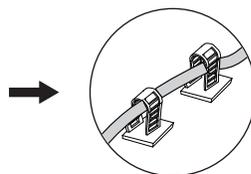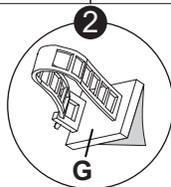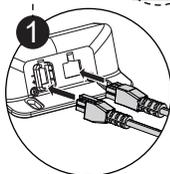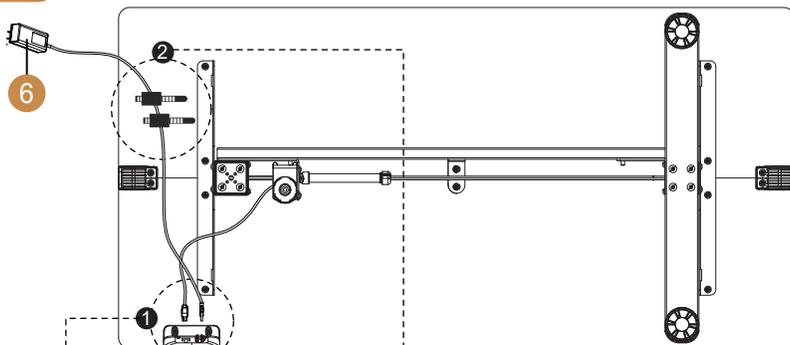
Cable Management

Accessory code	Image	Quantity
G		2

Operating Instruction
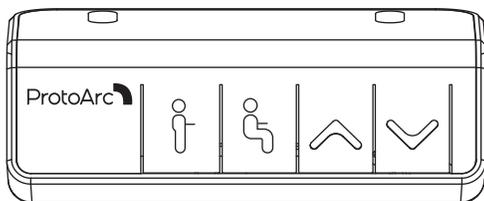
⌃ Long press the ⌃ button to raise the desk continually, and desk will stop when the button was released or at the max height (46.5" / 118cm)

⌄ Long press the ⌄ button to lower the desk continually, and desk will stop when the button was released or at the lowest height (28.3" / 72cm)

|	
Reset	Press and hold the ⌄ button for 5 seconds, and the screen will show 'RES'. Continue holding until the desk goes down to its lowest level and comes back up slightly.
Memory Position Operation	When the desk is still, long press " ⫯ " or " ⫯ " for 3 seconds, then the current height position will be saved to the corresponding key. After the memory is set, press " ⫯ " or " ⫯ " directly, and the desk will automatically go to the recorded position of the corresponding key.
Children's Lock	Press and hold ⌃ and ⌄ keys together for 5 seconds, and the controller will display LOC. It indicates that the system is locked and cannot lift or lower the system. In the locking state, press and hold ⌃ and ⌄ keys together for 5 seconds and the controller display will change from LOC to normal numeric display. It indicates that the system is unlocked.
Energy Saving Mode	After one minute, if no operation is performed, the controller enters the energy saving mode. In this case, the controller display will be off and enter low power consumption state. You can press any key to exit the energy saving mode.

Protection Mode Error Codes	
Hot	Overheating Protection: When the motor has been working continuously for 5 minutes, it will stop operating to prevent damage from overheating. Wait for at least 15 minutes before making any further height adjustment.
E10	Sensor malfunction warning: Motor safety sensor cannot be detected. Please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.
E20	Overloading Warning: Over the max of loading weight. Power off, take the things off the desk, power back on, and try again.
E02	Operation Status Warning: The desk stops moving if vibration, impact, or incline is detected. If this detection is incorrect, follow the reset instructions before continuing use.
E32	Overvoltage Protection: Input voltage too high. If the correct AC adapter is being used, please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.
E31	Undervoltage Protection: Input voltage too low. If the correct AC adapter is being used, please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.
-	Cable Disconnection Warning: Please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.

Desktop Monitor Solution
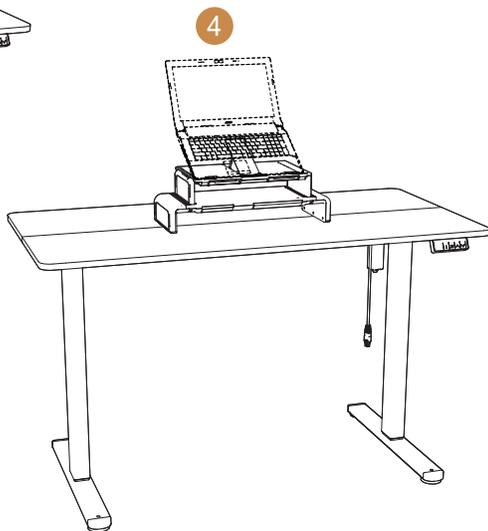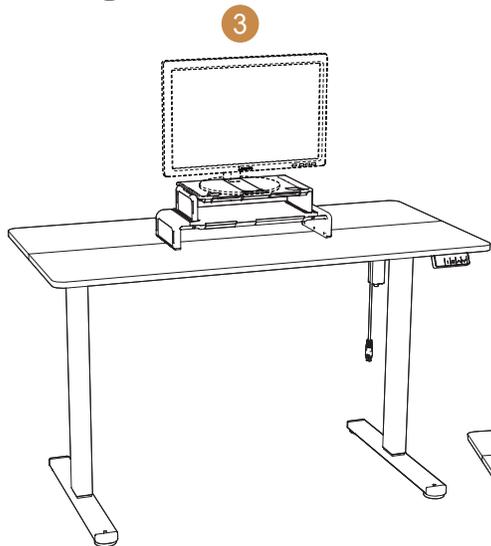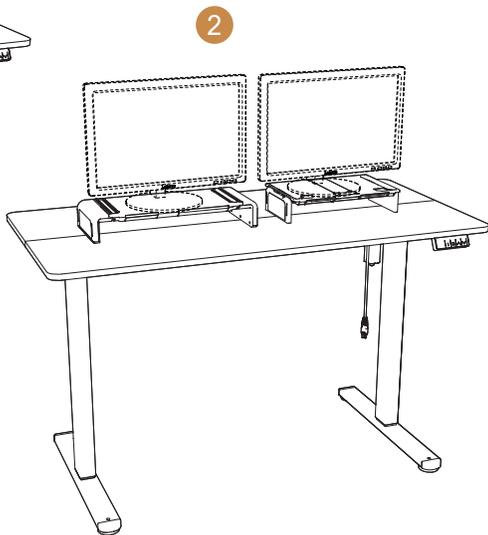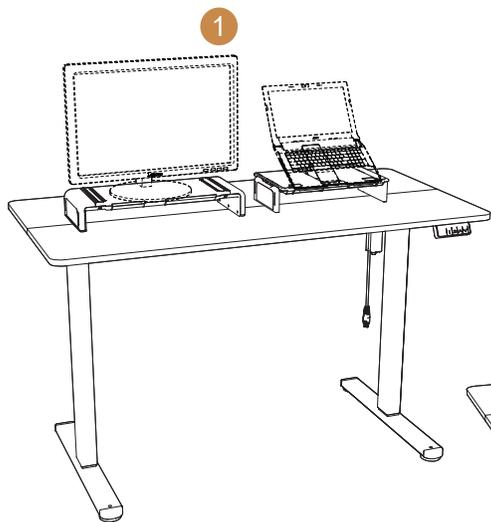
Warranty

● **Warranty Coverage**

The electric standing desk features a 3-year warranty for the frame and a 2-year warranty for the controller, electronics, and other mechanisms.

● **Warranty does not cover the following situations:**

1. Conditions, malfunctions, or damage not resulting from defects in material or workmanship.
2. Conditions, malfunctions, or damage resulting from normal wear and tear, improper installation, improper maintenance, misuse, abuse, negligence, accident, or alteration.
3. Accessories, connected materials and products, or related products not manufactured by us.
4. Conditions, malfunctions, or damage resulting from failure to follow the instructions and guidelines relating to the product's intended use.

● **Customer Support**

✉ **support@protoarc.com**

📞 **+1 866-287-6188 (United States)**
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