



MCWS003



MCWS004

Welcome to VitalPower™ medical computer workstation by Luxor.

This workstation AC power outlet is only intended for computer equipment and peripherals. It is not intended to power medical devices.

Please do not use the cart until you have read this guide completely.

Keep this guide in a safe place to refer back to as needed.

You can always contact us directly for any additional information.

Email: customerservice@luxorworkspaces.com

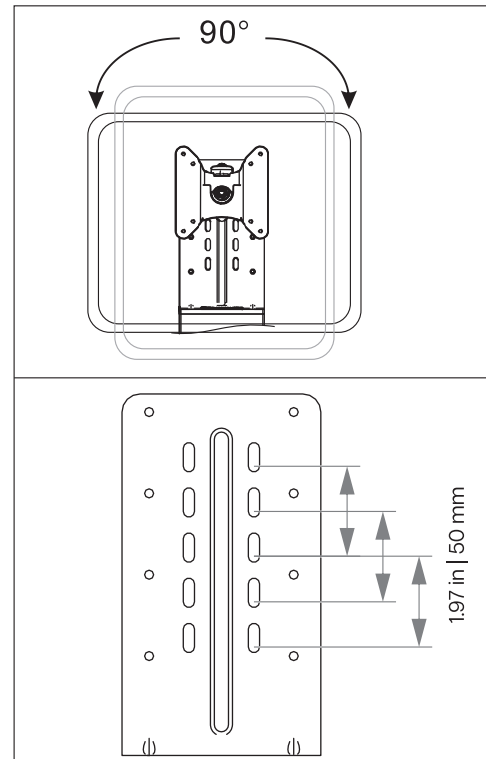
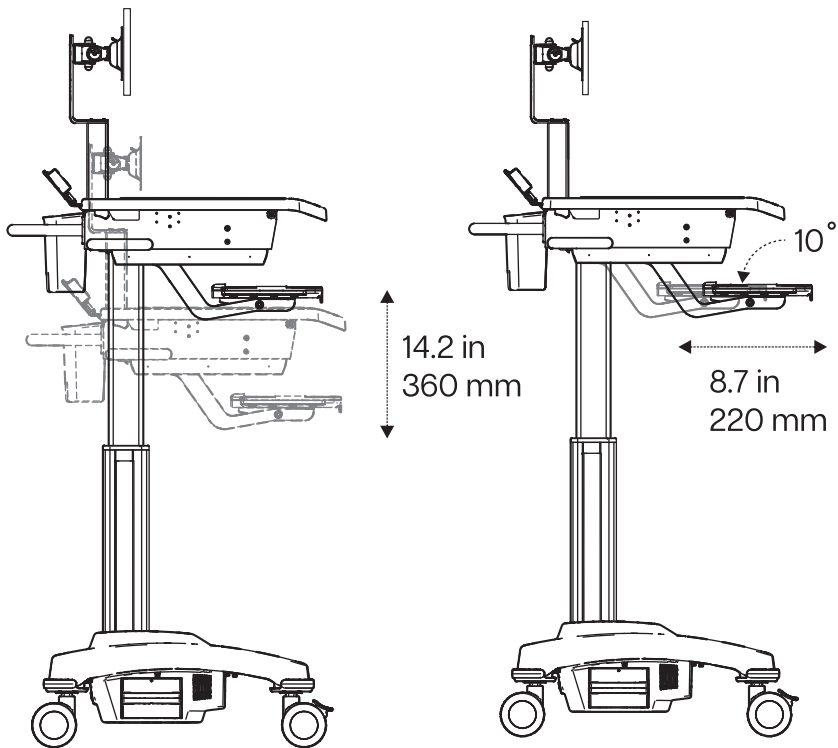
Phone: 1-800-323-4656.

The most current user manual can be found at luxorworkspaces.com



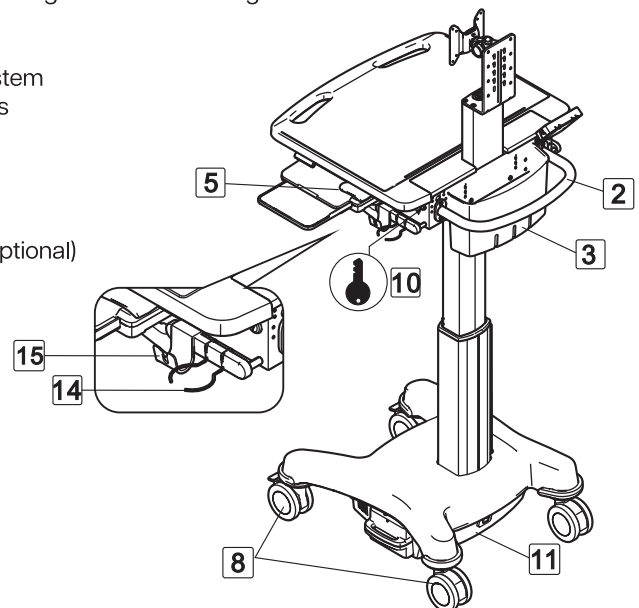
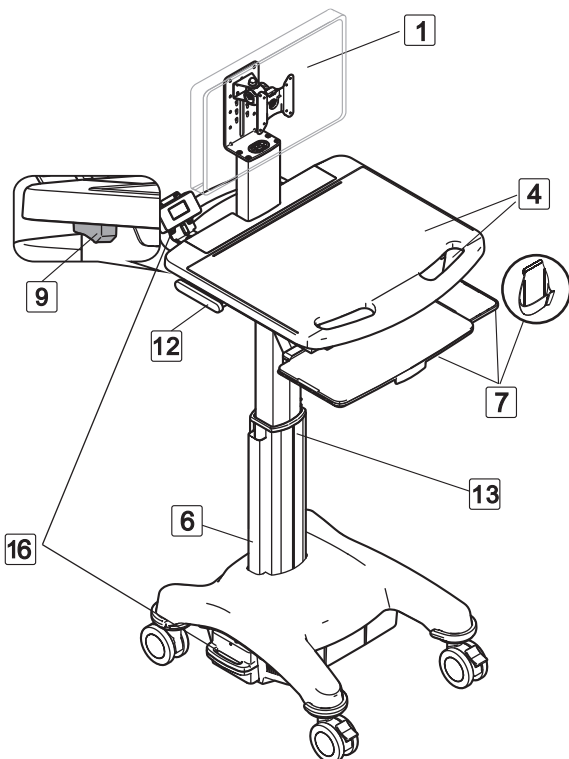
CAUTION: Lithium Batteries - If the batteries emit an odor, heat and/or other abnormalities during charging, stop charging immediately and place the workstation in an open area for observation from a distance. After confirming safety, contact Luxor.

VitalPower™ - MCWS003 - Adjustments

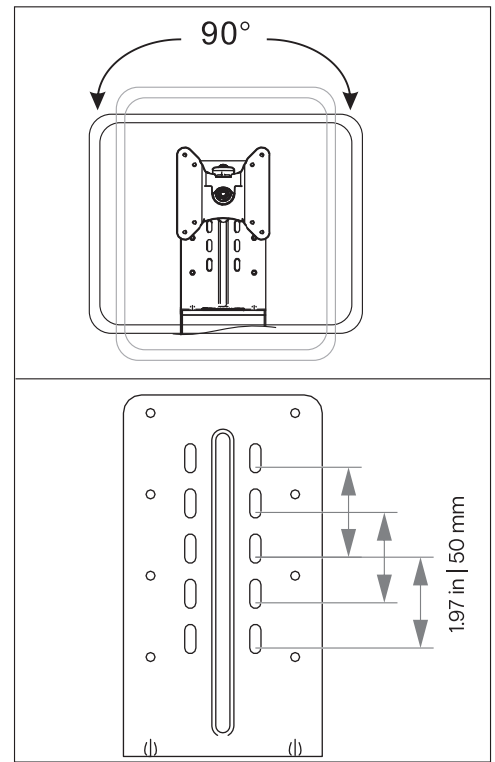
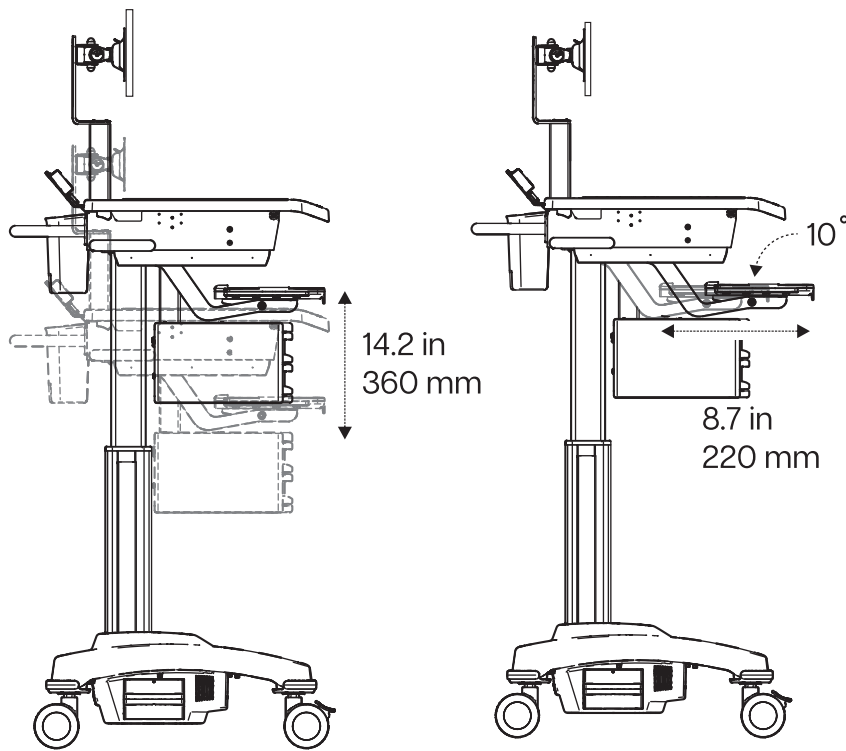


VitalPower™ - MCWS003 - Features

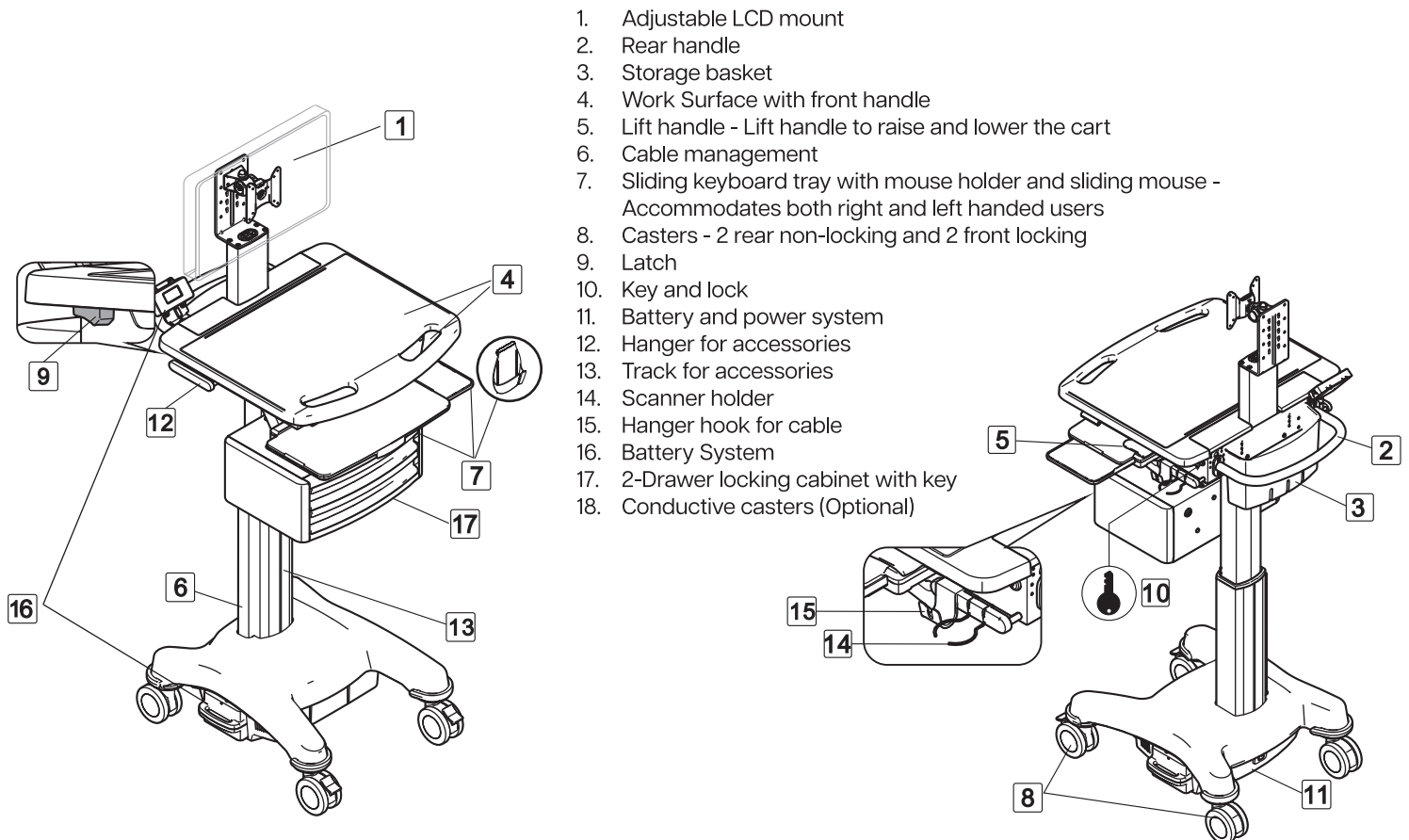
1. Adjustable LCD mount
2. Rear handle
3. Storage basket
4. Work Surface with front handle
5. Lift handle - Lift handle to raise and lower the cart
6. Cable management
7. Sliding keyboard tray with mouse holder and sliding mouse - Accommodates both right and left handed users
8. Casters - 2 rear non-locking and 2 front locking
9. Latch
10. Key and lock
11. Battery and power system
12. Hanger for accessories
13. Track for accessories
14. Scanner holder
15. Hanger hook for cable
16. Battery System
17. Conductive casters (Optional)



VitalPower™ - MCWS004 - Adjustments

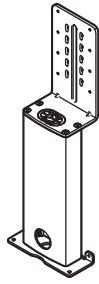


VitalPower™ - MCWS004 - Features



VitalPower™ - MCWS003 | MCWS004 - Checklist of parts

01



X1

02



M6*8 X2

03



X4

04



M6*15 X4

07



(2mm) X1

08



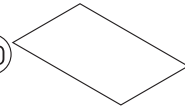
(5mm) X1

09



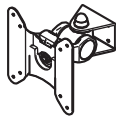
X1

10



User Guide X1

05



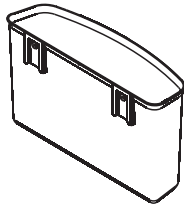
X1

06



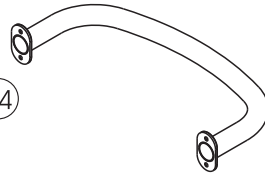
M4*10 X4

11



X1

14



X1

16



X1

17



X2

18



X1

19



X1

12



M5*10 X2

13



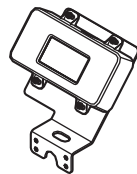
(3mm) X1

15



M6*12 X4

20



X1

21



M4*8 X4

22



(2.5mm) X1

24



X2

26



(4mm) X1

25



X2

29

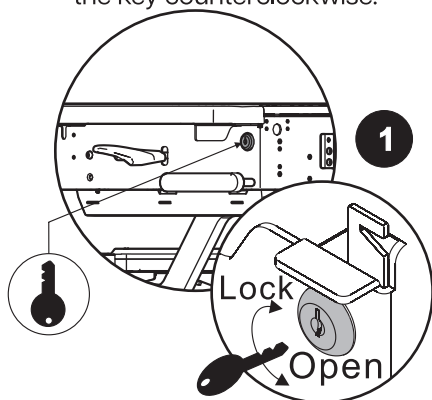


Power cord X1

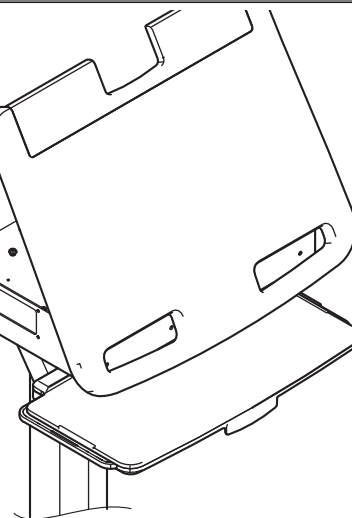
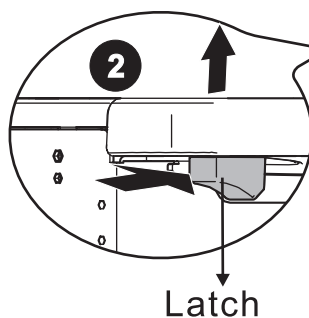
VitalPower™ - Assembly Guide

Step 1

Unlock the work surface by turning the key counterclockwise.



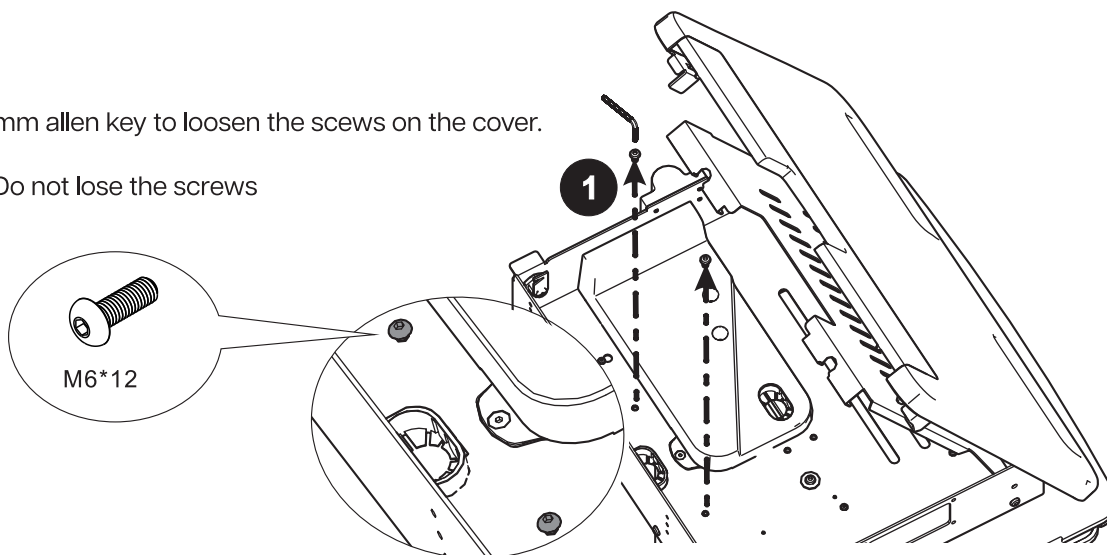
Push the latch backward and lift the work surface.



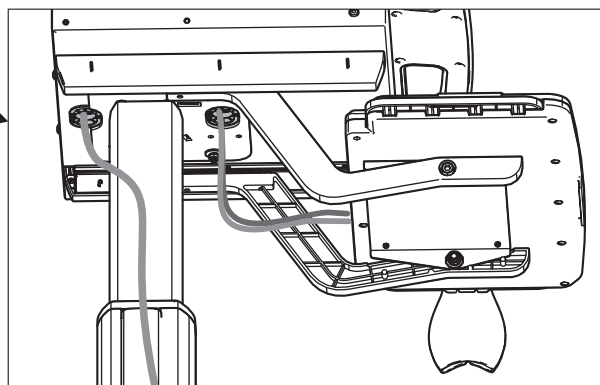
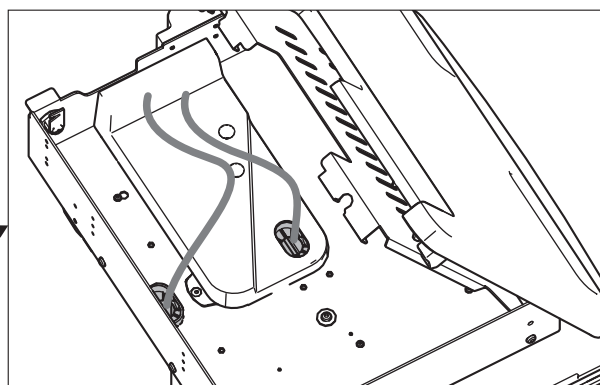
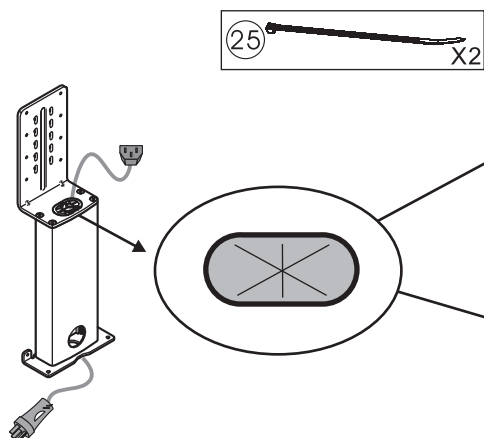
Step 2

Use the 4mm allen key to loosen the screws on the cover.

Caution: Do not lose the screws



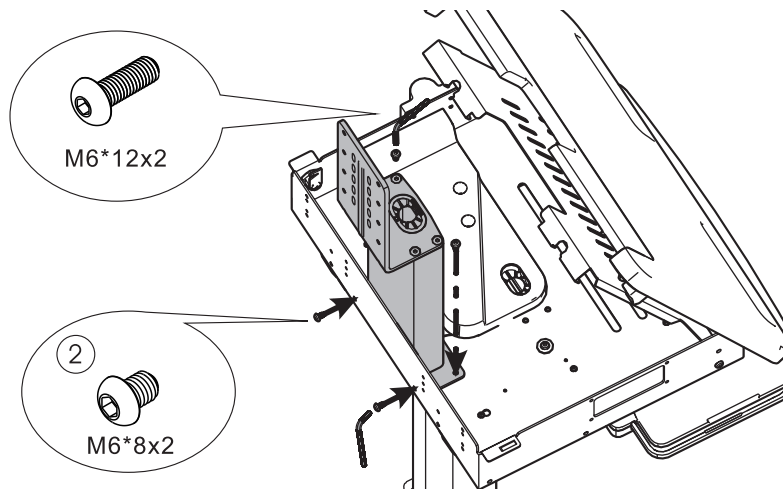
2 Cable grommet hole locations.



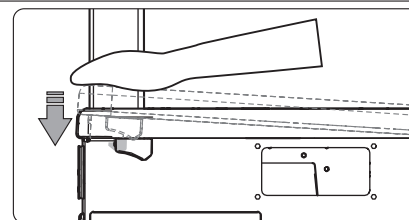
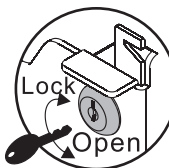
Note - All-in-one computer installation shown.

3

Fasten the monitor pole on the workstation with the screws using a 4 mm hex key.



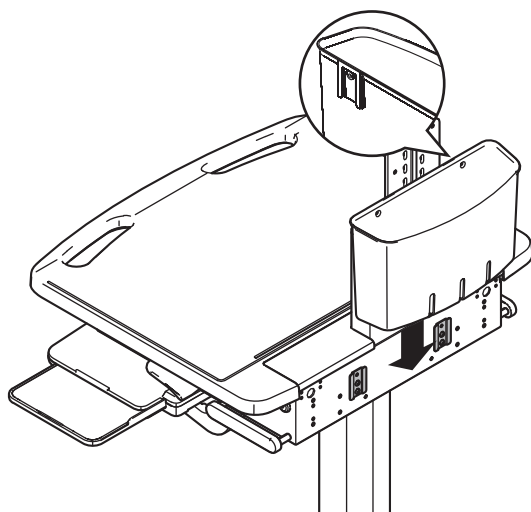
Please notice the work surface must be locked and the latch must be pushed forward before moving the workstation.



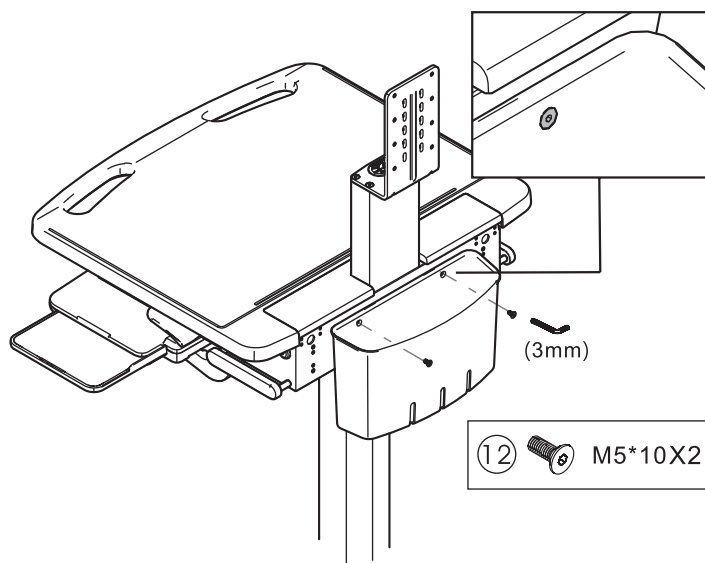
Step 3

a.

Slide the storage basket into the back side of the workstation.

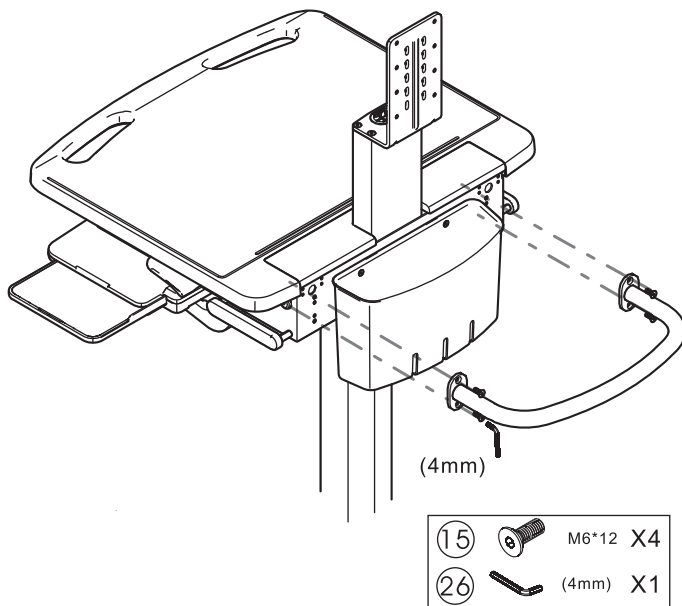


Fasten the storage basket with the screws using the 3 mm hex key.

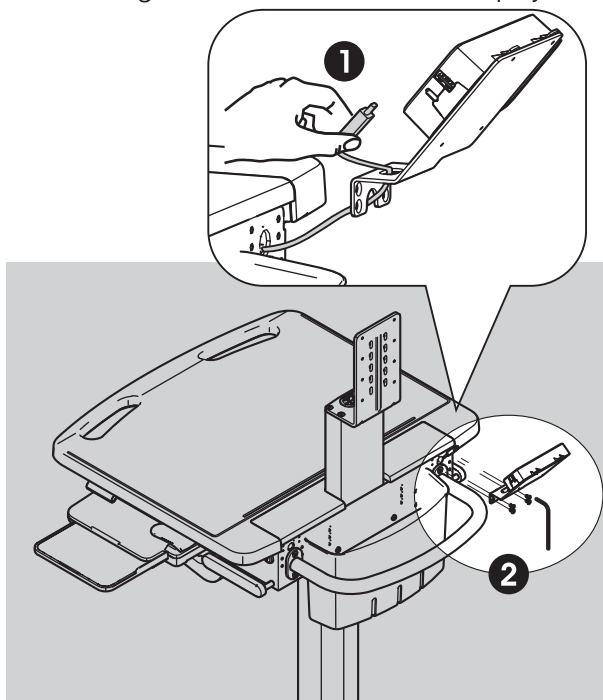


VitalPower™ - Assembly Guide

- b.** Screw the back handle onto the workstation with the screws using the 4mm allen key.



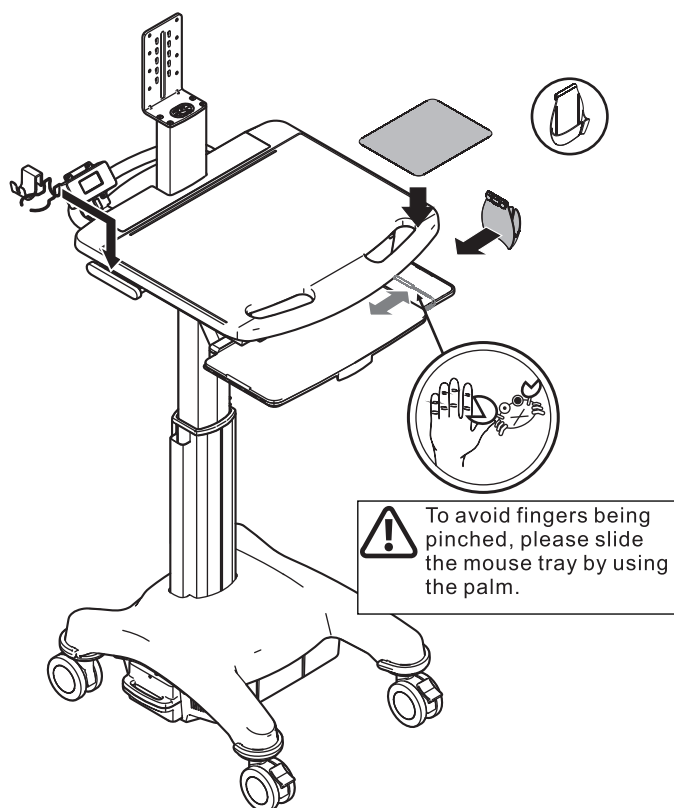
- c.** Attach the display to the workstation with the screws using the 2.5 allen key. Plug the USB-C® cable into the display.



- | | | | |
|----|--|---------|----|
| 21 | | M4*8 | X4 |
| 22 | | (2.5mm) | X1 |

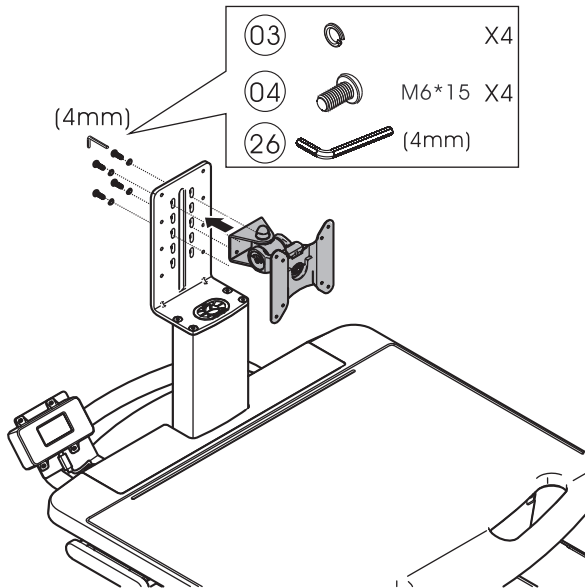
Step 4

Attach the accessories.

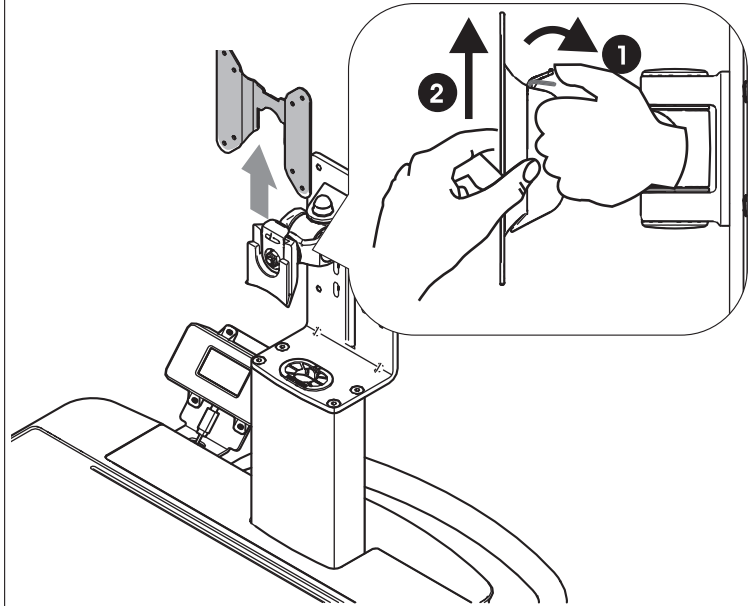


Step5

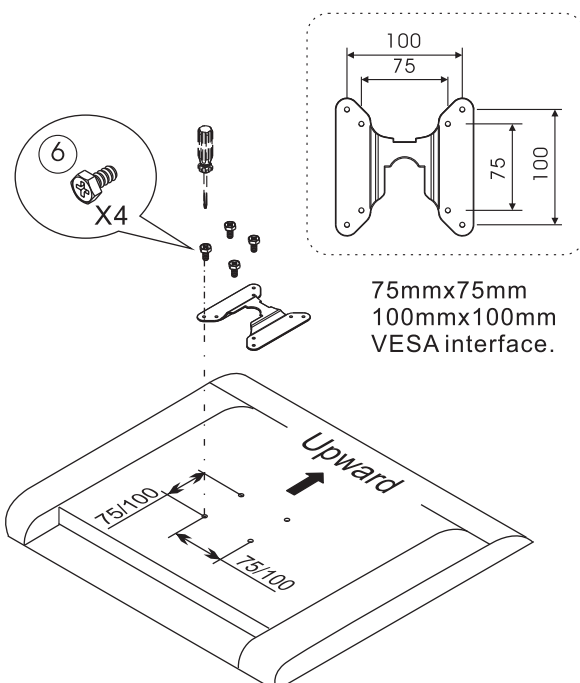
- 1 Mount the monitor arm to the monitor pole with the screws and washers using the 4 mm hex key.



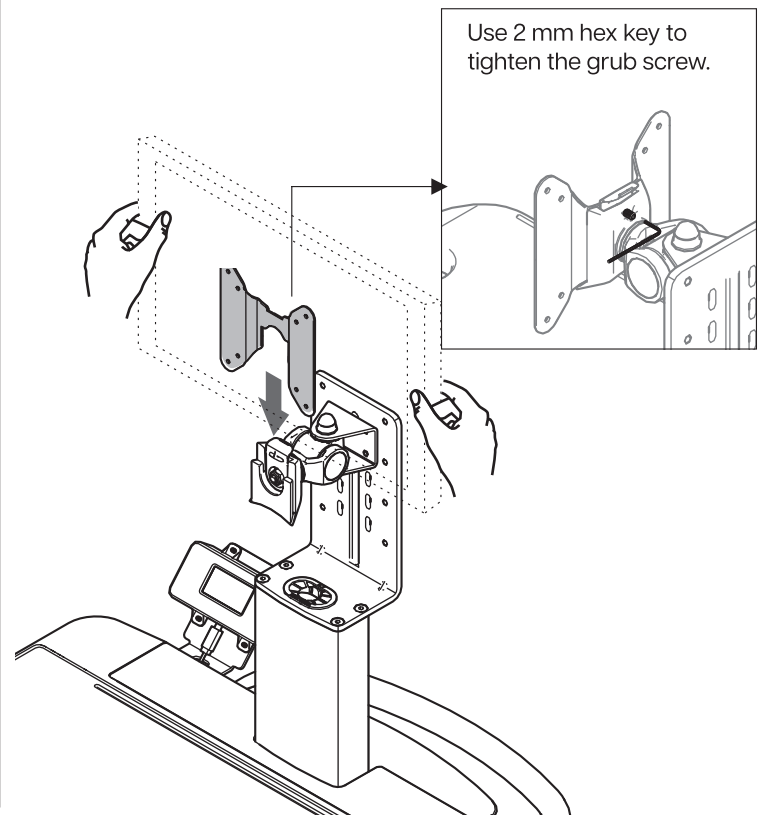
- 2 Remove the VESA plate by pinching the plastic tab to release the lock, then pull the plate upward to separate from the arm.



- 3 Place the monitor or all-in-one face down on a flat smooth surface. Align the VESA plate holes with the holes on the back of the monitor and attach using the provided screws.



- 4 Slide the monitor (with VESA plate) back onto the arm making sure it "clicks" securely into place.



Note - Max laptop, monitor and mini-pc, or all-in-on: ~16 lbs. | ~8 kg

a.



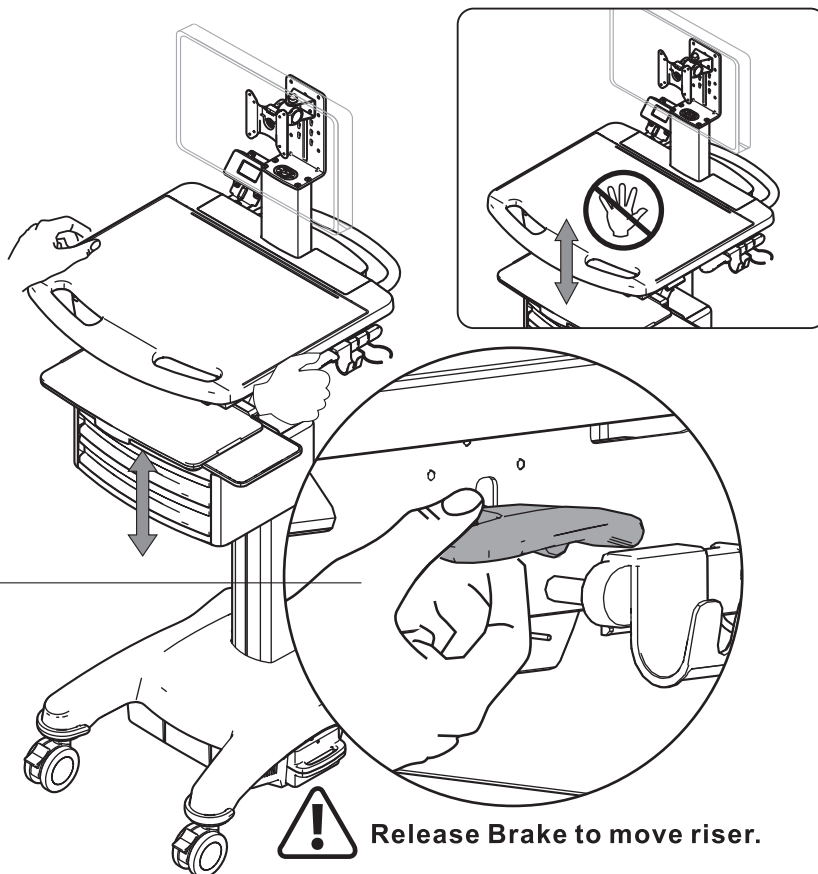
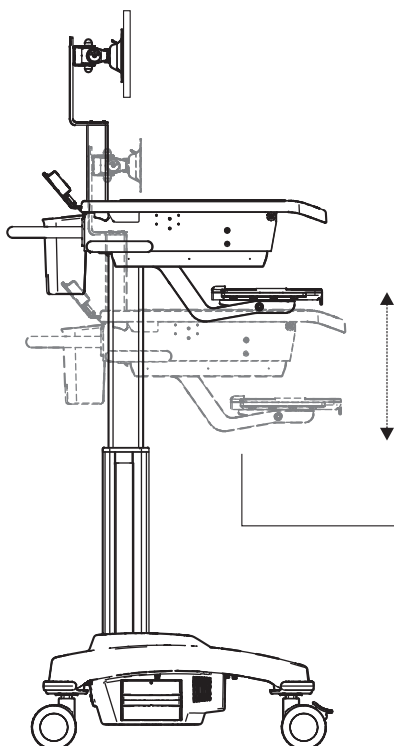
Caution:

Do not adjust the height of the cart without equipment installed. The cart work surface may rise rapidly and could cause user harm and damage to the cart.

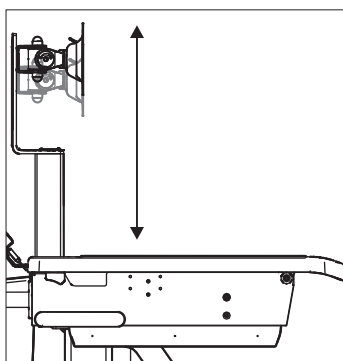


Notice:

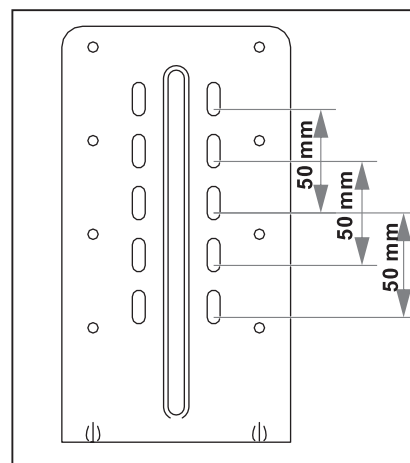
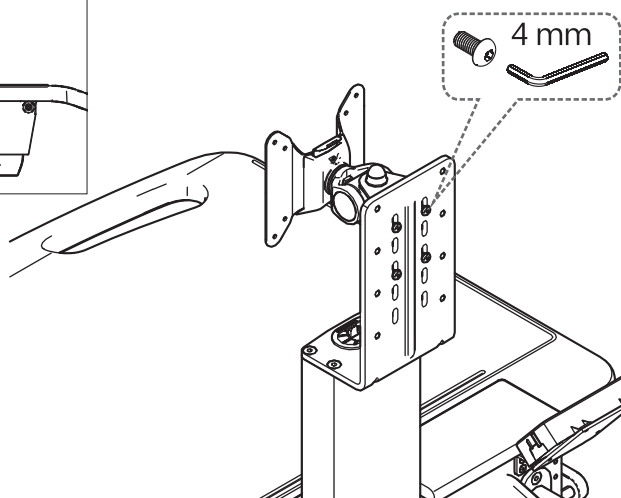
1. When adjusting the height of the cart, put both hands on the two sides of the work surface as shown.
2. Do not push the center of the work surface for lowering the cart.
3. Use both hands to lift the work surface up.



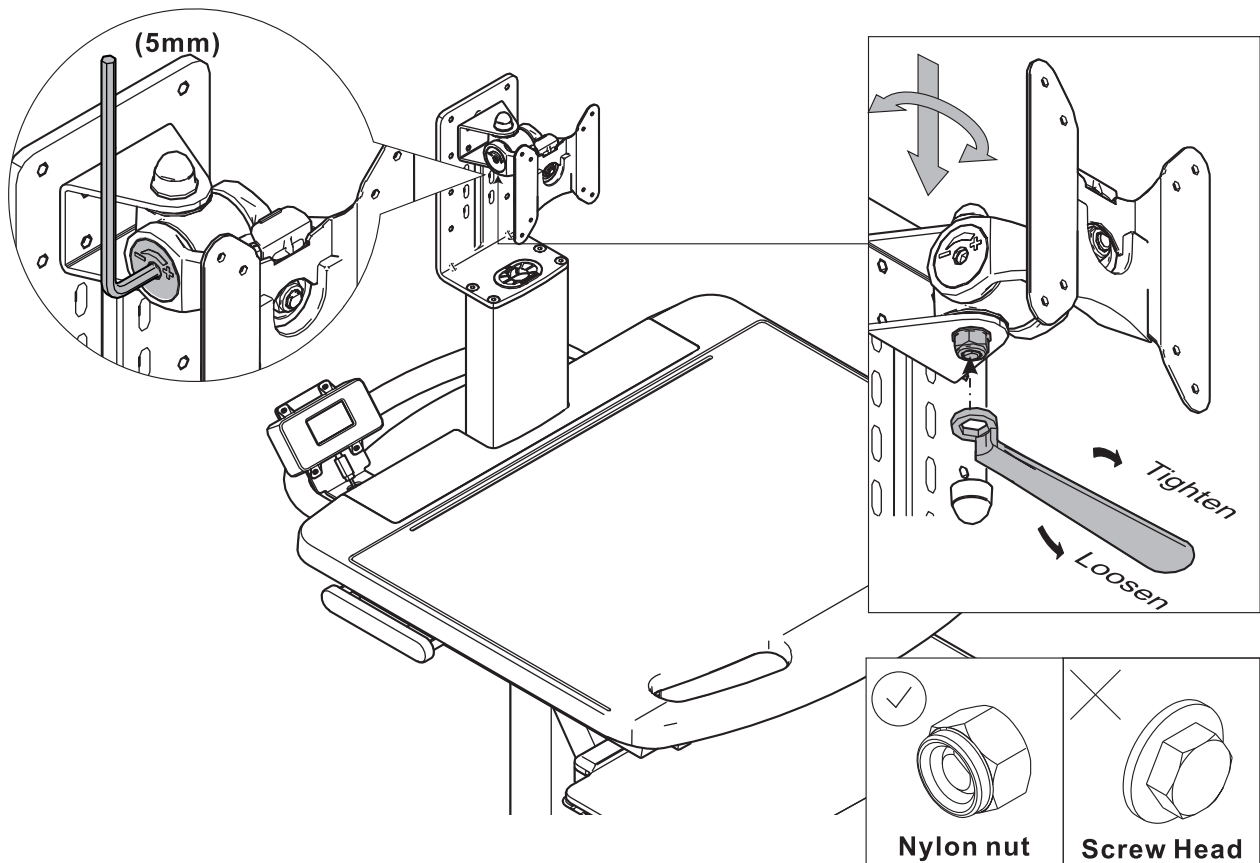
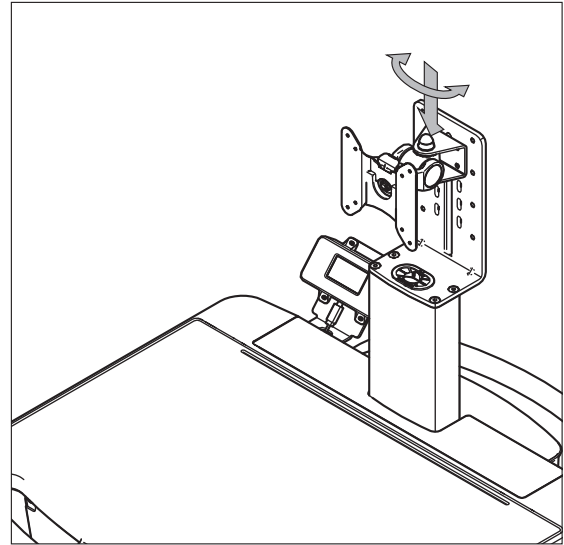
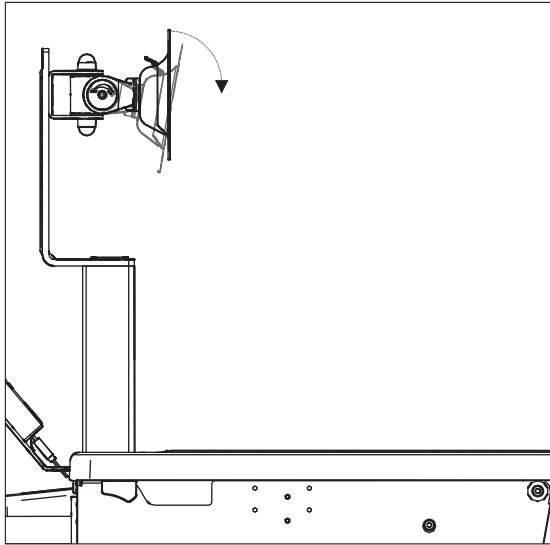
b.



Use the 4 mm hex key to adjust the height of the monitor to the desired position.



C.



1. Remove the plastic universal joint cover.
2. Find the nylon nut (not the screw head) and use the wrench to adjust the tension.
3. Use one hand to support the monitor and adjust the tension of the universal joint.
 - A. Clockwise = More tension
 - B. Counterclockwise = Less tension
4. When the desired tension is achieved, replace the plastic cover.

Caution:

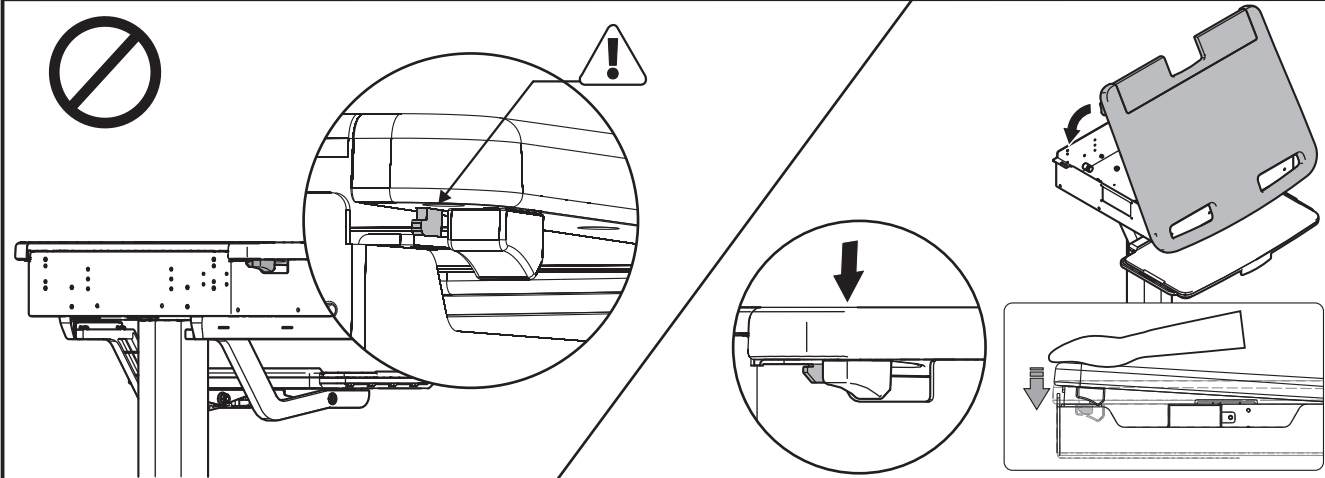
1. Support the monitor during the adjustment procedure.
2. Only adjust the nylon nut (not the screw head).
3. Do not disassemble the universal joint.

Summary of Warnings



WARNING

The latch must be pushed forward after replacing the work surface.



WARNING

GAS SPRING LIFTING COLUMN

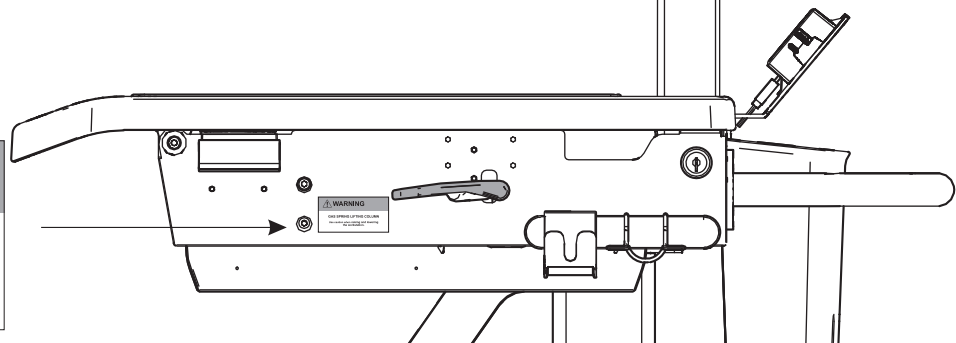
Use caution when raising and lowering the workstation.



WARNING

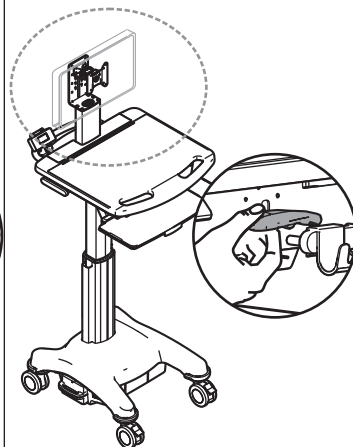
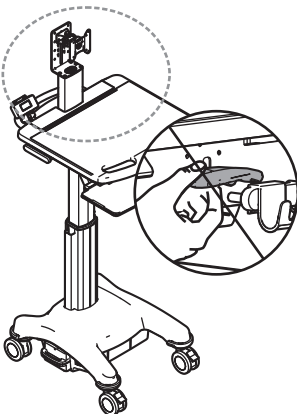
GAS SPRING LIFTING COLUMN

Use caution when raising and lowering the workstation.



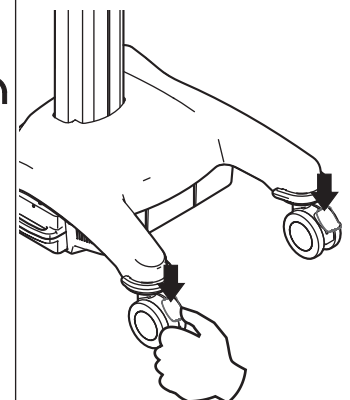
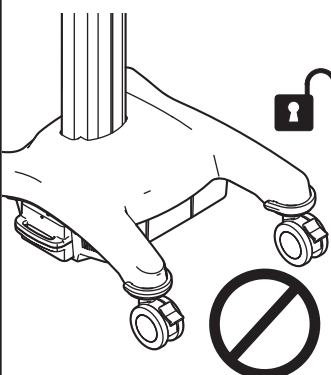
WARNING

Install the monitor and equipment before raising and lowering the cart to avoid user injury or cart damage.



WARNING

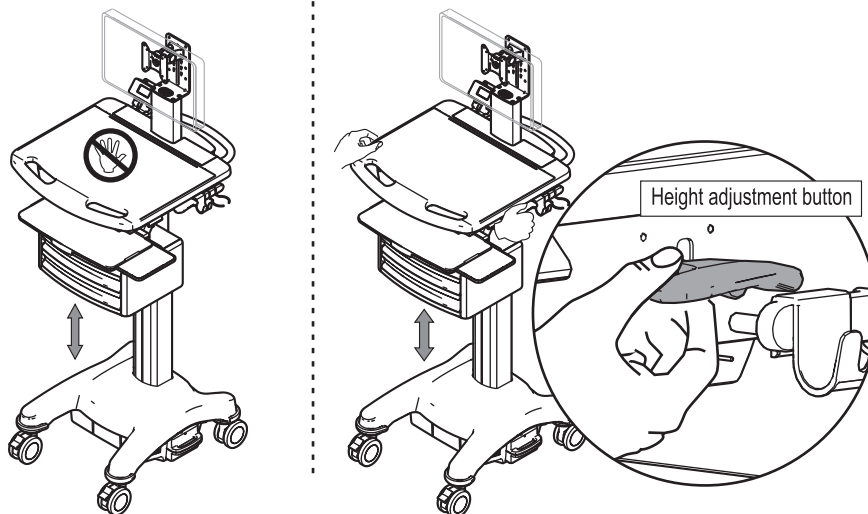
When cart is not in use, lock the front casters.



WARNING

Notice:

1. When adjusting the height of the cart, put both hands on the two sides of the work surface as shown.
2. Do not push the center of the work surface for lowering the cart.
3. Use both hands to lift the work surface up.



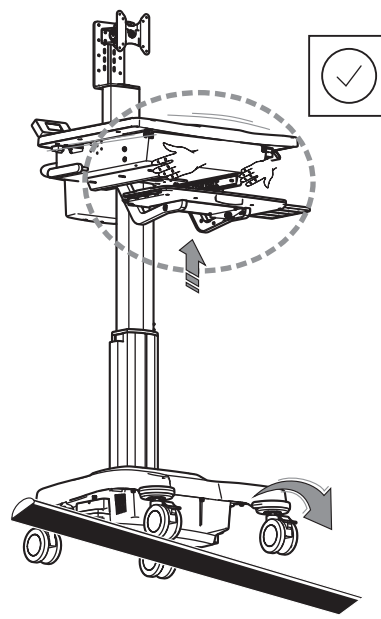
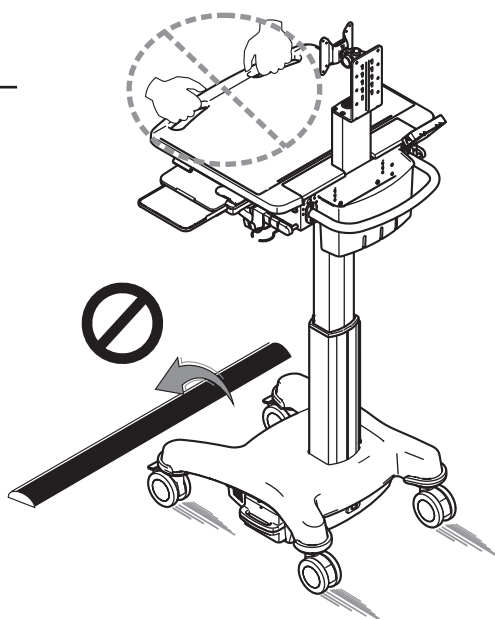
WARNING

Do not press down on the keyboard tray to adjust the height of the cart.



WARNING

When the cart needs to go across a threshold, lift from the bottom of the keyboard compartment as shown. Do not lift up from handles.



IMPORTANT

Read all warnings before using the cart.
Failure to adhere to these warnings may result in damage or injury.



CAUTION: Electrical system for computer equipment and peripherals only.



WARNING: Do not connect to medical devices.



WARNING: The workstation is not intended for use in a flammable, anesthetic mixture, or oxygen rich environment.



WARNING: Do not place the workstation or batteries in a wet or high humidity environment.



WARNING: Do not place the workstation or batteries in an environment exceeding 122° F (50° C).



WARNING: Do not exceed the total weight capacity of 22 lbs. (10 KG). Do not exceed 16 lbs. (8 KG) in information technology equipment.



WARNING: The workstation is not a toy. Do not leave it unattended around children.



WARNING: Check surroundings before raising, lowering and moving to avoid tipping and obstacles.



WARNING: Do not use the workstation if there are obvious signs of damage.



WARNING: Disassembly or modification of the workstation and the electrical system is strictly prohibited.



CAUTION: Only use the included power adapter.



CAUTION: Lithium Batteries - If the batteries emit an odor, heat and/or other abnormalities during charging, stop charging immediately and place the workstation in an open area for observation from a distance. After confirming safety, contact Luxor.



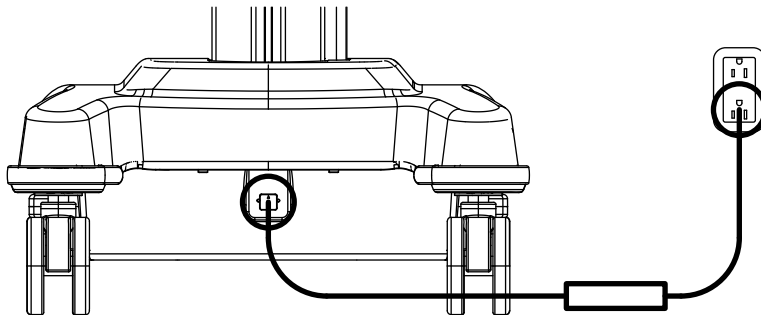
NOTE: Do not dispose of the lithium battery in the trash. Recycle the battery according to local regulations.

IMPORTANT

1. Only charge the batteries with the included power adapter.
2. Fully charge the batteries before using the workstation for the first time
3. Charge the batteries in an environment with a temperature range of 32-113° F (0-45° C).
4. Charging below 32° F (0° C) will reduce the battery life.
5. For long-term storage (more than 3 months), the workstation should be stored in a semi-charged state in an environment with low humidity and no corrosive gases at a temperature range of ~50-95° F (10-35° C)

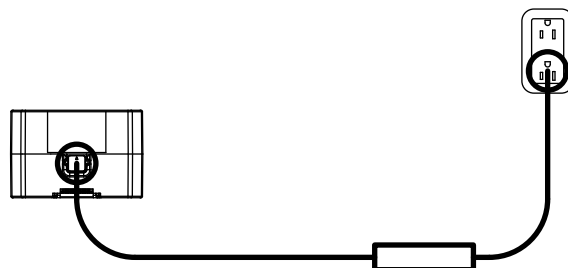
Charging the batteries in the workstation

1. Insert the battery/batteries into the base.
2. Plug the included power adapter into a suitable AC outlet.
3. Plug the power input connector into the power input port on the back of the workstation base. The workstation can be used during charging.
4. Charging status will display on the screen and the battery will show solid green once fully charged.
5. Remove the power input connector when charging is complete.

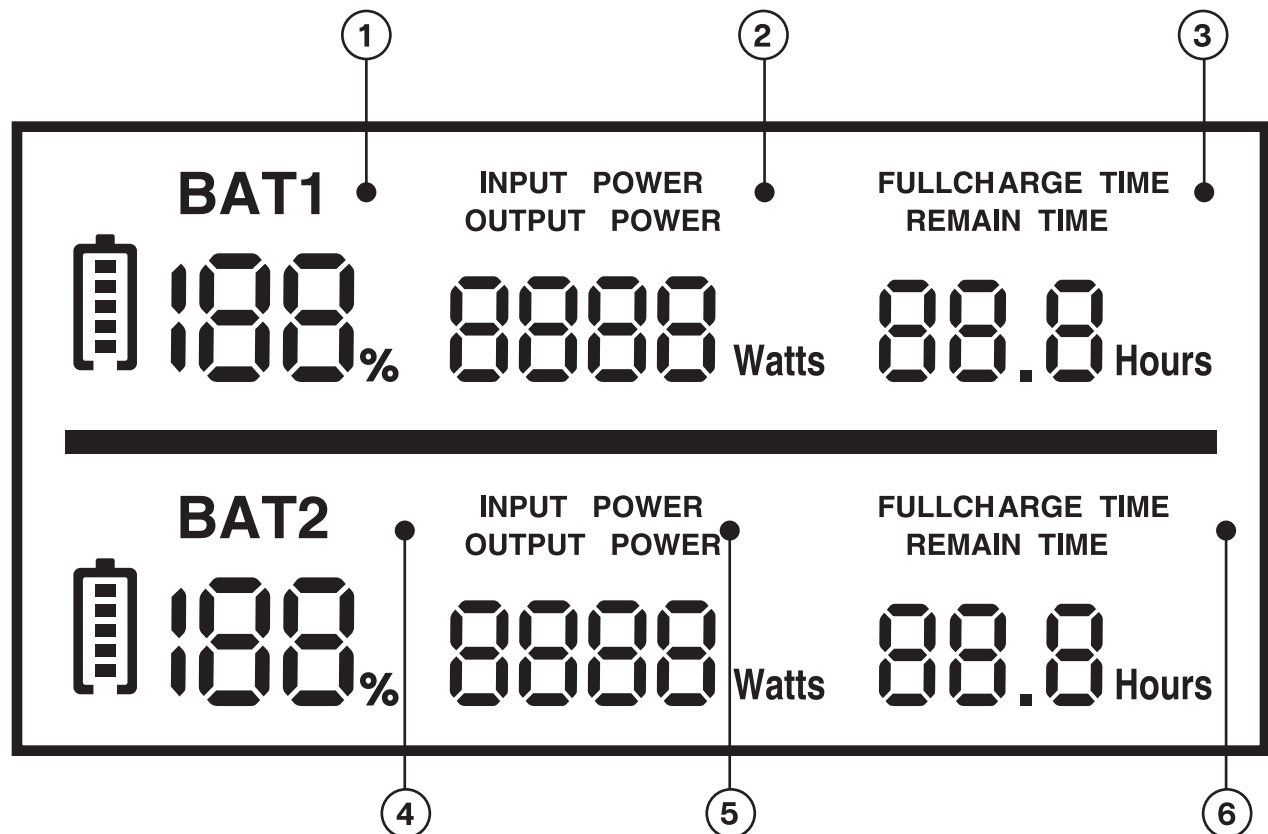


Charging the batteries outside of the workstation

1. Plug the included power adapter into a suitable AC outlet.
2. Plug the power input connector into the power input port on the back of the battery.
3. The battery will show solid green once fully charged.
4. Remove the power input connector when charging is complete.

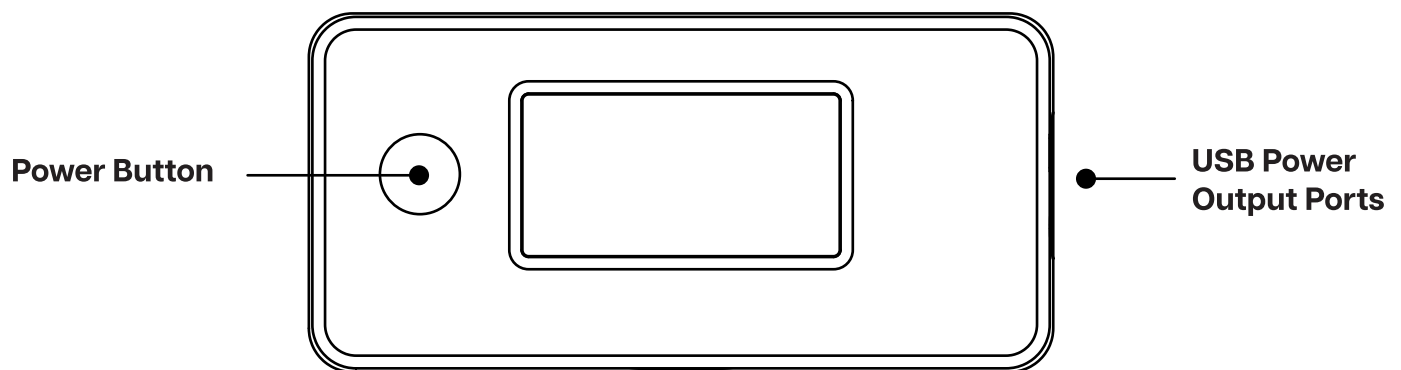
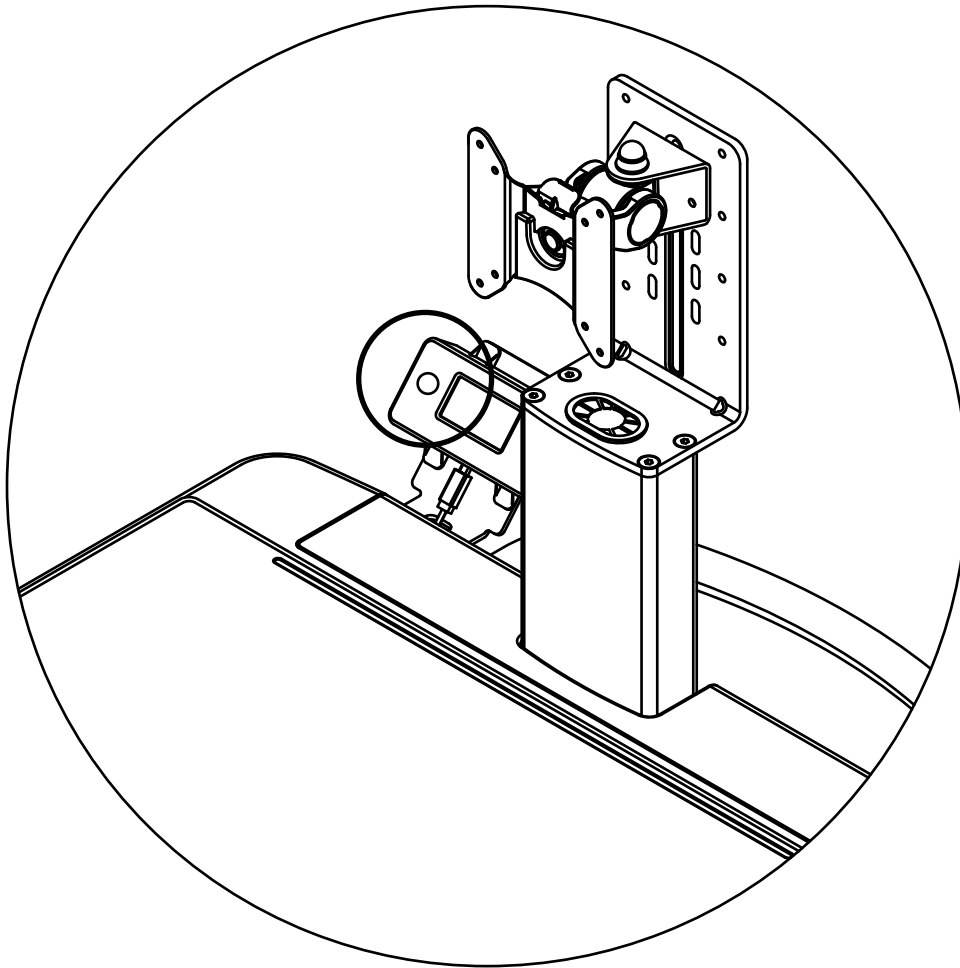


VitalPower™ - Power Display Screen Details



1. Battery 1 Power - Battery power level displayed as a percentage.
- 2a. Battery Input Power - Amount of power provided to the battery during charging.
- 2b. Battery Output Power - Amount of power provided from the battery.
- 3a. FullCharge Time - Estimated time needed to charge the battery in hours.
- 3b. Remain Time - Estimated amount of time of use in hours.
4. Battery 2 Power - Battery power level displayed as a percentage.
- 5a. Battery Input Power - Amount of power provided to the battery during charging.
- 5b. Battery Output Power - Amount of power provided from the battery.
- 6a. FullCharge Time - Estimated time needed to charge the battery in hours.
- 6b. Remain Time - Estimated amount of time of use in hours.

VitalPower™ - Powering on the Unit



ON - Press and hold the button for 3 seconds to turn on the display and workstation.
OFF - Press and hold the button for 3 seconds to turn off the display and workstation.
SLEEP MODE ON | OFF - Press and release the button to turn off the workstation power.
NOTE: USB-C and USB A Power Output Ports.

VitalPower™ - Maintenance and Inspections

All workstation maintenance and inspections must be carried out by a qualified technician at least once a month.

If damage to the cart has occurred, stop operating the workstation and contact Luxor.

Inspection Checklist:

Casters - Clean and without any damage

Fasteners - If any fasteners are loose and need to be tightened, do not over tighten the fasteners. Over tighten the fasteners may cause damage.

VitalPower™ - Cleaning

Please be cautioned that these guidelines can not ensure infection control. Consult the hospital's infection control office for cleaning protocols.

Warnings:

- To avoid risk of electrical shock, do not expose the electrical components to water, cleaning solutions or other corrosive liquids.
- Due to the workstation having an electrical system, do not use flammable cleaners on the workstation.
- The workstation is not intended for moist or humid environments, do not let liquid into the workstation's electrical system.

Cleaning:

1. Only use non-abrasive or diluted products to clean the workstations surfaces.
2. Before cleaning the workstation, remove the batteries and ensure the cart is off.
3. The cart must be completely dry before installing the batteries and powering on the workstation.
4. While cleaning the workstation, use a damp cloth to wipe off any excess cleaner until completely dry.
5. To avoid surface finish damage, do not use abrasive materials to clean.
6. Before using any cleanser on the workstation, perform a spot check on a small area of the surface to confirm it will not be damaged.

VitalPower™ - Long Term Storage

For long-term storage for more than 3 months.

1. Fully charge the battery system and check the charge level every 90 days.
2. Store the workstation in an environment with low humidity and no corrosive gases, at a temperature of ~50-95° F (10-35° C).

VitalPower™ - Troubleshooting

Cart is difficult to move

1. Make sure the front locking casters are unlocked.
2. Check for debris in the casters.

Cart is difficult to adjust in height

1. Make sure the lift handle is pressed completely.
2. Make sure the cart is not overloaded.
3. If the lift mechanism still doesn't lift, please contact Luxor.
4. If the lift mechanism don't go down, please contact Luxor.

Batteries not showing a green light

1. The battery is out of power.
2. Remove the battery from the workstation and charge it directly for 3 hours.
3. Insert the battery back into the workstation and turn the unit on.
4. If the battery does not show a green light and cart does not power on, please contact Luxor

Display Screen not showing battery status

1. Remove all batteries from the workstation.
2. Wait 30 seconds.
3. Insert battery back into the workstation and turn the unit on.
4. If the display does not show status, please contact Luxor.

Display Screen on but the workstation doesn't have any power

1. Short press the button on the display screen
2. Wait 10 seconds.
3. The power to the workstation will turn on.
4. If the workstation still doesn't have power, please contact Luxor.

Battery Pack (MCWS005) Specifications

Cell Type: LiFePO4

Battery Power: 384Wh

Rated Voltage: 32V

Discharge Cut-Off Voltage: 28V

Battery Operating Temperature: 14~140° F (-10~60° C)

Cycle Life (Normal Temperature): 2000 Cycles > 80%

Power Output (MCWS003 and MCWS004) Specifications

AC Output: 110 V / 60 Hz / 300W Pure Sine Wave

Safety Features:

Overload Protection: 500W

Short-Circuit Protection

Over-Temperature Protection

DC Output:

USB-C® Port: 100W

USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.