Electric Vehicle Supply Equipment (EVSE)

INSTALLATION INSTRUCTIONS: ATOM EV™ E50 PEDESTAL

Atom EV Level 2 Pedestal Product Offering

Product	Descriptions
AEV-48PED-L18	Single Pedestal, Left Oriented 48A Rated, 18 ft. Cable
AEV-48PED-R18	Single Pedestal, Right Oriented 48A Rated, 18 ft. Cable
AEV-48PED-D18	Dual Pedestal, 48A Rated, 18 ft. Cable
AEV-48PED-L25	Single Pedestal, Left Oriented 48A Rated, 25 ft. Cable
AEV-48PED-R25	Single Pedestal, Right Oriented 48A Rated, 25 ft. Cable
AEV-48PED-D25	Dual Pedestal, 48A Rated, 25 ft. Cable
AEV-80PED-L18	Single Pedestal, Left Oriented 80A Rated, 18 ft. Cable
AEV-80PED-R18	Single Pedestal, Right Oriented 80A Rated, 18 ft. Cable
AEV-80PED-D18	Dual Pedestal, 80A Rated, 18 ft. Cable
AEV-80PED-L25	Single Pedestal, Left Oriented 80A Rated, 25 ft. Cable
AEV-80PED-R25	Single Pedestal, Right Oriented 80A Rated, 25 ft. Cable
AEV-80PED-D25	Dual Pedestal, 80A Rated, 25 ft. Cable
AEV-48CMPED-L18	Single Retractable Cable Management Pedestal, Left Oriented 48A Rated, 18 ft. Cable
AEV-48CMPED-R18	Single Retractable Cable Management Pedestal, Right Oriented 48A Rated, 18 ft. Cable
AEV-48CMPED-D18	Dual Retractable Cable Management Pedestal, 48A Rated, 18 ft. Cable
AEV-48CMPED-L25	Single Retractable Cable Management Pedestal, Left Oriented 48A Rated, 25 ft. Cable
AEV-48CMPED-R25	Single Retractable Cable Management Pedestal, Right Oriented 48A Rated, 25 ft. Cable
AEV-48CMPED-D25	Dual Retractable Cable Management Pedestal, 48A Rated, 25 ft. Cable
AEV-80CMPED-L18	Single Retractable Cable Management Pedestal, Left Oriented 80A Rated, 18 ft. Cable
AEV-80CMPED-R18	Single Retractable Cable Management Pedestal, Right Oriented 80A Rated, 18 ft. Cable
AEV-80CMPED-D18	Dual Retractable Cable Management Pedestal, 80A Rated, 18 ft. Cable
AEV-80CMPED-L25	Single Retractable Cable Management Pedestal, Left Oriented 80A Rated, 25 ft. Cable
AEV-80CMPED-R25	Single Retractable Cable Management Pedestal, Right Oriented 80A Rated, 25 ft. Cable
AEV-80CMPED-D25	Dual Retractable Cable Management Pedestal, 80A Rated, 25 ft. Cable

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LEGAL INFORMATION

WARNING NOTICE SYSTEM

This manual contains notices to observe to ensure personal safety, as well as to prevent damage to property. The notices referring to personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

DANGER Indicates that death or severe personal injury will result if proper precautions are not taken.
WARNING Indicates that death or severe personal injury may result if proper precautions are not taken.

CAUTION Indicates that minor personal injury can result if proper precautions are not taken.
NOTICE Indicates that property damage can result if proper precautions are not taken.

If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

WARNING NOTICES

WARNING: RISK OF ELECTRIC SHOCK
Take all necessary precautions when using or working on electrical products:

- Read all the instructions before using this product.
- This device should be supervised when used around children.
- Do not put fingers into the EV connector.
- Do not use this product if the flexible power cord or EV cable is frayed, has broken insulation, or any other signs of damage.
- Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.
- Do not touch live electrical parts.
- Incorrect connections may cause electric shock.
- Improper connection of the equipment grounding conductor can result in a risk of electric shock.

WARNING:
This equipment is intended for charging vehicles that do not require ventilation during charging. Refer to your vehicle's owners manual to determine ventilation requirements.

WARNING:
Do not use extender cables to increase the length of the charging cable. The maximum length is limited to 25 feet by the National Fire Protection Agency.

QUALIFIED PERSONNEL

The Atom Power Electric Vehicle Charging System should be installed only by one of our trusted Atom Power Certified Partners. This manual is intended as reference only. It contains important safety and installation instructions. Review fully prior to installation.

If installation of the Atom Power EV Charging System is performed by someone other than an Atom Power Certified Partner, additional quality assurance procedures may be necessary before commissioning, activation, and/or warranty can be initiated.

Installer is responsible for ensuring materials and procedures used follow local building codes and safety regulations. The information detailed in this manual in no way exempts users of responsibility to follow all applicable codes or safety standards.

⚠ **WARNING:** Atom Power products may only be used for the applications described in the catalog and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Atom Power. Proper transport, storage, installation, assembly, commissioning, operation, and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be complied with. The information in the relevant documentation must be observed.

TRADEMARKS

All names identified by ® or ™ are registered trademarks of Atom Power, Inc. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.

DISCLAIMER OF LIABILITY

Atom Power is not responsible for any physical injury or damage to equipment or property as a result of the installation of any device detailed in this document.

The specifications and other content contained in this manual are accurate and complete to date of publishing. Product specifications are subject to change without prior notice. We cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions. Failure to follow this warning will void the warranty.

ATOM EV CHARGING SYSTEMS OVERVIEW

Atom EV Charging Systems are a simple and robust method to charge electric vehicles. The system is composed of a Smart Power Distribution Panel with a solid-state circuit breaker, the Atom Switch™, that distributes power to the Atom EV Pedestal and/or Wall Box. The breaker has a 1:1 relationship with the power dispenser or charge coupler (either the Atom EV Pedestal or Atom EV Wall Box) to the EV. This means each breaker in the panel is dedicated to one charging point. If the panel is feeding a dual port dispenser there are two breakers assigned to that dispenser, one for each Atom EV cable assembly. Atom EV Charging Systems are unique in the fact that the Smart Power Distribution Panel is the central hub, containing all of the power control and communication technology. The Atom EV Pedestal and Atom EV Wall Box are simply an “extension cord” from the Smart Power Distribution Panel to the EV.

Descriptions	Definitions
Atom EV Smart Distribution Panel	Electrical panel that houses the Atom Switches, Atom Edge, and EVSE Module.
Atom EV Pedestal	Floor mounted dispenser that is the connection point between the Atom EV Smart Distribution Panel and the EV; contains the EVSE cable assembly.
Atom Switch	Solid-state circuit breaker that controls the flow of electricity. The switch communicates with the Atom Edge Gateway and EVSE Module to manage the charging of an electric vehicle.
Atom EV Wall Box	Wall mounted dispenser that is the connection point between the Atom EV Smart Distribution Panel and the EV; contains the EVSE cable assembly.
Auto-Retracting Cable Management (ARCM)	ARCM refers to the Cable Management System with spring loaded self-retracting design that automatically retracts the EV Cable towards the Pedestal once the EVSE connector is unplugged from vehicle.
Blanks	Plastic insert covering unused switch locations in Atom EV Smart Distribution Panel.
Cable Management (CM)	CM refers to the management of EV charging cables at the Pedestal or Wall Box.
Control Pilot (CP)	The circuit that communicates to the EV but does not supply power.
Electric Vehicle (EV)	A vehicle that receives primary or supplementary propulsion power from an electric motor that draws current from a rechargeable storage battery.
Electric Vehicle Supply Equipment (EVSE)	The complete assembly of conductors, connectors, devices, and apparatus specifically for the purpose of power transfer and information exchange between the branch circuit and the electric vehicle.
EV Cable	The cable assembly with the J1772 coupler used to connect the electric charging equipment to the electric vehicle for Level 2 charging.
EV Cable Holster	Bracket that holds the EVSE Connector when not in use.
EVSE Connector	The car charging plug that connects the EV Cable to the EV.
Pilot Module	Generates the Pulse Width Modulated (PWM) pilot signal to the EV Pedestal or Wall Box that communicates to the vehicle the available charging rate and controls the LED indicator on the dispenser.
Atom Edge	On-premise gateway device that allows for control and management of EVSE equipment and communicates securely with Atom Cloud.
Ground	A conductive connection to the earth.
LED Indicator	LED light on the dispenser that indicates charging status and faults.
Lockable Disconnect	The set of mechanical contacts needed to provide galvanic isolation of the circuit. This can be seen as the pad lockable red plunger on the front of the Atom Switch.
LTE Box	Communications box containing the LTE modem and Ethernet switch. Communicates EVSE system information to and from the cloud and API. Hosts local area network for panel to panel network.
Power Circuit	The wiring connected to the EVSE breaker.
Vehicle Inlet	The receptacle fixed to the EV that receives power from the EVSE cable assembly.

ATOM E50 PEDESTALS

ATOM EV PEDESTAL VISUAL OVERVIEW

Pedestal with single charge coupler

AEV-48PED-L18
AEV-48PED-R18
AEV-48PED-L25
AEV-48PED-R25
AEV-80PED-L18
AEV-80PED-R18
AEV-80PED-L25
AEV-80PED-R25

Pedestal with dual charge couplers

AEV-48PED-D18
AEV-48PED-D25
AEV-80PED-D18
AEV-80PED-D25

Cable Management Pedestal with single charge coupler

AEV-48CMPED-L18
AEV-48CMPED-R18
AEV-48CMPED-L25
AEV-48CMPED-R25
AEV-80CMPED-L18
AEV-80CMPED-R18
AEV-80CMPED-L25
AEV-80CMPED-R25

Cable Management Pedestal with dual charge couplers

AEV-48CMPED-D18
AEV-48CMPED-D25
AEV-80CMPED-D18
AEV-80CMPED-D25

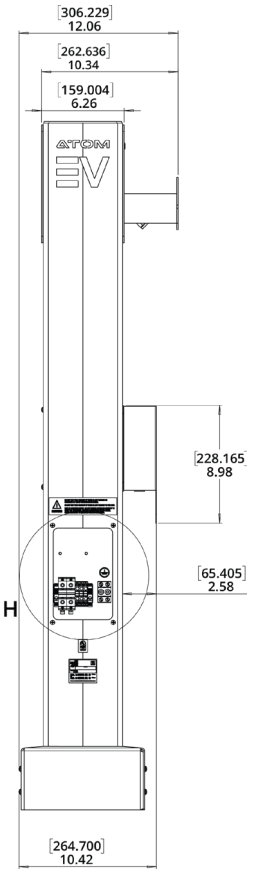
ATOM EV PEDESTAL PACKAGING & DIMENSIONS

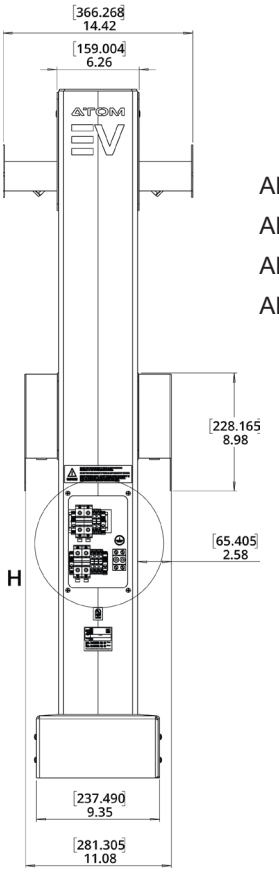
Atom EV Pedestal packaging includes:

- Pedestal with preassembled EV cable(s)
- One (1) base plate cover in two (2) pieces with associated hardware
- Quick Guide Card for installation instructions

The following dimensions as illustrated apply to all Atom EV Pedestal models referenced within this Installation Instruction ***(Figure A)***

AEV-48PED-L18
AEV-48PED-R18
AEV-48PED-L25
AEV-48PED-R25
AEV-80PED-L18
AEV-80PED-R18
AEV-80PED-L25
AEV-80PED-R25





AEV-48PED-D18
AEV-48PED-D25
AEV-80PED-D18
AEV-80PED-D25

Figure A: *Atom EV Pedestal outer dimensions.*

ATOM EV PEDESTAL WEIGHTS

All weights shown are in lbs.

Model	No Cable	With 18 ft. Cable(s)	With 25 ft. Cable(s)
AEV-48PED-L	52	62	67
AEV-48PED-R	52	62	67
AEV-48PED-D	54	73	82
AEV-80PED-L	52	62	67
AEV-80PED-R	52	62	67
AEV-80PED-D	54	73	82

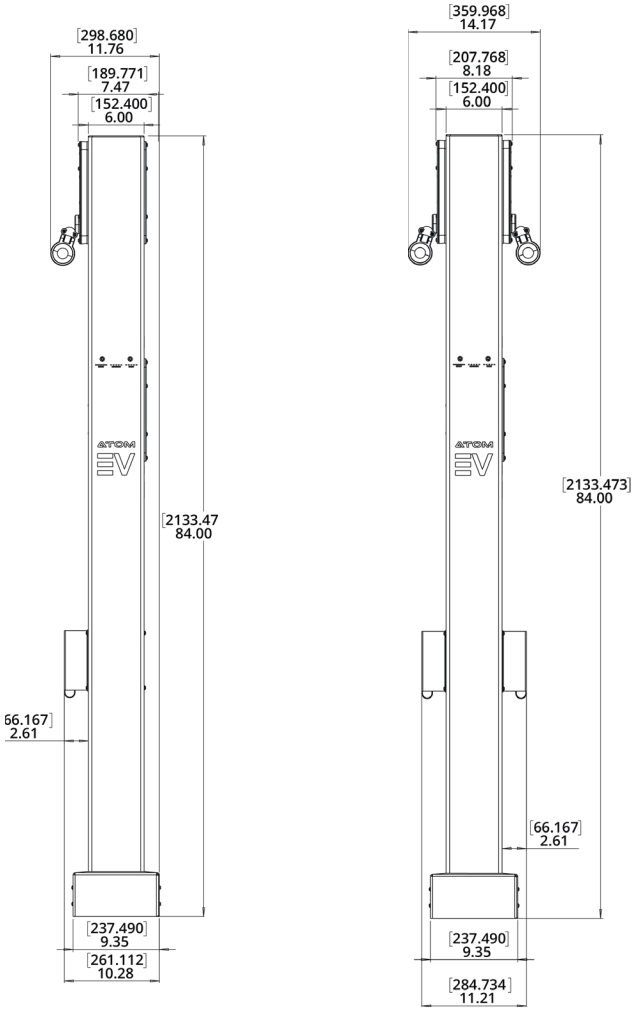
ATOM EV CABLE MANAGEMENT PEDESTAL PACKAGING & DIMENSIONS

Atom EV Cable Management Pedestal packaging includes:

- Pedestal with preassembled EV cable(s)
- One (1) base plate cover in two (2) pieces with associated hardware
- Quick Guide Card for installation instructions

The following dimensions as illustrated apply to all Atom EV Cable Management Pedestal models referenced within this Installation Instruction ***(Figure B)***

AEV-48CMPED-L18
AEV-48CMPED-R18
AEV-48CMPED-L25
AEV-48CMPED-R25
AEV-80CMPED-L18
AEV-80CMPED-R18
AEV-80CMPED-L25
AEV-80CMPED-R25



AEV-48CMPED-D18
AEV-48CMPED-D25
AEV-80CMPED-D18
AEV-80CMPED-D25

Figure B: *Atom EV Cable Management Pedestal outer dimensions.*

ATOM EV CABLE MANAGEMENT PEDESTAL WEIGHTS

Model	With 18 ft. Cable(s)	With 25 ft. Cable(s)
AEV-48CMPED-L	82	96
AEV-48CMPED-R	82	96
AEV-48CMPED-D	109	117
AEV-80CMPED-L	82	96
AEV-80CMPED-R	82	96
AEV-80CMPED-D	109	117

ATOM EV PEDESTAL INSTALL INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK

⚠ WARNING: RISK OF ELECTRIC SHOCK

- Do not touch live electrical parts.
- Incorrect connections may cause electric shock.
- Improper connection of the equipment grounding conductor can result in a risk of electric shock.
- Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded.

⚠ WARNING

This equipment is intended only for charging vehicles that do not require ventilation during charging. Please refer to your vehicle's owners manual to determine ventilation requirements.

⚠ WARNING

Do not use extender cables to increase the length of the charging cable. The maximum length is limited to 25 feet by the National Fire Protection Agency.

GROUNDING INSTRUCTIONS

This product must be connected to a grounded, metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the product.

ATOM EV PEDESTAL INSTALL INSTRUCTIONS (CON'T.)

MOVING AND STORAGE INSTRUCTIONS

Below are the moving and storage instructions. Consult Atom Power for additional information.

- The Atom EV Pedestal in its packaging weighs up to 82 lbs. or 150 lbs. for Auto-Retracting Cable Management Pedestals respectively, depending on the configuration.
- Lift with a team of people as required by relevant local regulations.
- Never lift the Atom EV Pedestal using the Atom EV cable assembly.
- If relocating or storing the Atom EV Pedestal, disconnect the input power prior to moving.
- Only transport the Atom EV Pedestal using the existing packaging.
- Only store the Atom EV Pedestal in a dry environment per the manufacturer's temperature and humidity ranges provided in the specification.

SITE SELECTION

When installing the Atom EV Charging Systems, make sure to choose a location that allows the EV charging cable to reach the EV inlet connector without straining the cable. Make sure to abide by all local building codes and ADA compliance. Make sure conduit and wiring has been approved by a local professional engineer. If installing a Dual Pedestal or Wall Box, center the unit between the 2 parking spaces.

SITE PREPARATION

Atom EV Pedestals can be installed either into the ground or onto a new concrete base. Included on the next page are basic guidelines for preparing the installation site in both scenarios.

IMPORTANT: Always check local codes to ensure compliance. The guidelines in these installation instructions may need to be altered to comply with codes that apply at specific installation locations.

REQUIRED EQUIPMENT SHIPPED WITH THE ATOM EV PEDESTAL PACKAGING

1. Atom EV Pedestal and Atom EV Auto-Retracting Cable Management Pedestal with cable assembly already mounted. (Note: Single EV Pedestal will have one side populated with a cable assembly and holster. A Dual EV Pedestal will have two EV cable assemblies and two holsters).

2. Pedestal base mounting bolt pattern ***(Figure C)***.

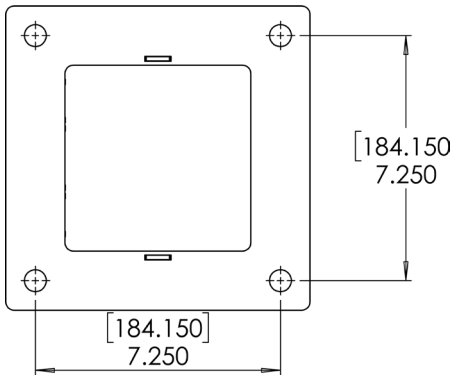


Figure C: *Atom EV Pedestal mounting bolt pattern.*

SUGGESTED TOOLS AND MATERIALS FOR INSTALLATION (***INSTALLER SUPPLIED EQUIPMENT***)

1. 4 sets of 3/8 in. hardware, material per structural engineer specs, or galvanized as a baseline
   a. 4x J-Bolt, drop in anchors, or concrete lags
   b. 16x flat washers
   c. 8x nuts
2. Torque wrench with appropriately sized socket or crows foot capable of torquing the hardware to manufacturer specs and structural engineers specs

ATOM EV PEDESTAL INSTALLATION & WIRING - FOR MOUNTING INTO DIRT/GROUND

Step 1: Prepare the mounting base

1. Determine the shape of the new concrete casting to be created that best suits your installation location. See ***Figure D*** for two suggested alternative configurations. Concrete pad should be cast at least 18 in. deep below grade with top surface at grade level.

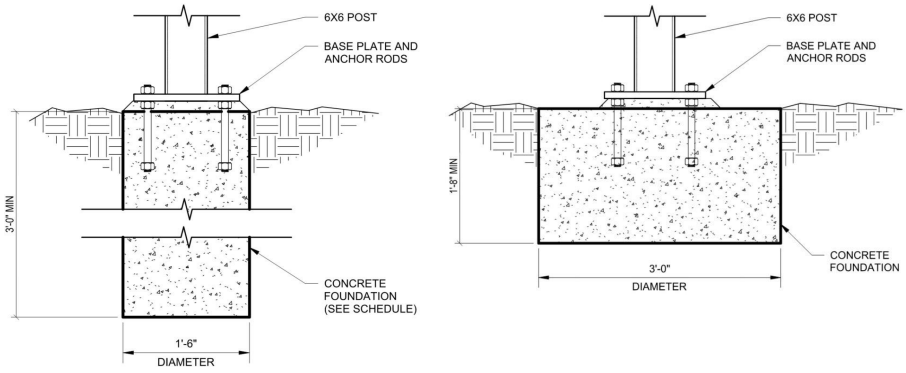


Figure D: *Atom EV Pedestal concrete casting dimensions, deep (left) and shallow (right).*

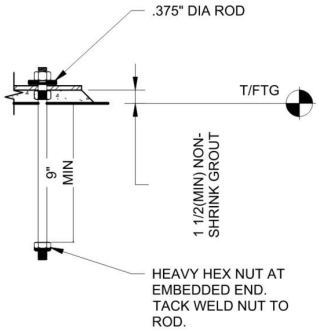


Figure E: *Depicted 3/8 in. x 12 in. threaded rod with bolt/ washer spacing to indicate thread rod length below and above grade.*

2. Pour the concrete base with dimensions per ***Figure D***. (Note: Make sure to consult with a civil engineer to confirm the foundation will accommodate local codes and soil types.)

3. The conduit should be set towards the center of the concrete base and protrude a minimum of 3 in. above grade.

4. Four (4) 3/8 in. x 12 in. threaded rods with nuts and washers shall be used to secure the Atom EV Pedestal footplate to the concrete base and shall be spaced per ***Figure C***.

   *(**IMPORTANT:** If using J-bolts, follow instructions 5 and 6. If using drop in anchors or concrete lags, use bolt manufacturers instructions and jump to Step 2.)*

5. To prepare the threaded rods, two methods are suggested for setting into the concrete casting: 1) tack weld a heavy hex nut to the lower end of the threaded rod or 2) install two (2) nuts with two washers captured between them onto the far most end of each of the four threaded rods, as shown in ***Figure D and E***.

6. Install two (2) nuts with two washers captured between them to the other end of the threaded rod so the two (2) inner nuts are minimum 9 in. apart. This will set the length of the exposed threads above grade at approximately 3 in.

7. Immediately after pouring the concrete, push the rods into the concrete 9 in. deep, as shown in ***Figure E***, until the inside upper nut is touching or slightly submerged into the concrete. Ensure all four (4) rods are plum and that the top 3 in. of the bolts remain exposed. Also ensure the threaded rod spacing is maintained, as in ***Figure E***.

8. When the concrete is fully set, remove the four (4) upper nuts and washers to install the Atom EV Pedestal. Make sure to leave the remaining four (4) nuts and washers at grade level on the threaded rods.

NOTE: It is important to twist the threaded rods back and forth in the concrete as they are inserted to allow them to draw concrete into the thread and reduce the amount of trapped air.

Step 2: Mounting the Pedestal

1. Once the concrete has set, place the Pedestal onto the concrete casting making sure to align and anchor the four (4) through holes in the Pedestal footplate. The recommended orientation has the terminal block access cover facing away from the parking space.
2. Fasten down and tighten the hardware per hardware specs.
3. For added corrosion resistance, fill the gap between the concrete and the entire base with an outdoor rated silicone caulk.

Step 3: Wiring the Pedestal

Note: Reference Installation Video link below for clear guidance on wiring the Pedestal.
Link : Pedestal Wiring Video

1. Remove the terminal block access cover plate to reveal the internal terminal block(s). The included Atom EV cable assembly(s) shall be pre wired to the terminal block(s), per ***Figure F and Figure G***.
2. Strip the new wires coming from the conduit per the recommended length.
3. Land the stripped wires per the required orientation , shown in ***Figure F*** for single and ***Figure G*** for dual, or ***Figure H*** for single CM Pedestals and ***Figure I*** for dual CM Pedestals. For Cable Management Pedestals, when terminating the Belden 3090A be sure to:
    - Only connect one (1) wire
    - Isolate the other wire and shield drain from each other and other metallic objects by taping them down with electrical tape.

Note: If the pilot wire exceeds 150 feet from the Atom Smart Power Distribution Panel, contact engineering for support.

4. Torque each connection to the recommended values as shown below. It is recommended to confirm the torque of the prewired terminals as well.

Step 4: Continuity Testing

1. Perform a continuity test to make sure all the wires (L1, L2, etc) from the Atom EV Smart Distribution Panel to
2. Atom EV Pedestal are clearly identified.
3. Once the continuity test is complete we require all wires from the Atom EV Smart Distribution Panel to the Atom EV Pedestal be labeled by the installer as shown below.

Step 5: Reattach the Access Cover

1. Reattach the Access Cover Plate with gasket attached to complete the Pedestal installation.
2. Repeat steps 1-5 for all remaining Pedestals.

52” PEDESTAL WIRING - SINGLE

Note: Reference Installation Video link below for clear guidance on wiring the Pedestal.
Link : Pedestal Wiring Video

IMPORTANT: Once the wiring is complete, please refer back to ***Step 5: Continuity Testing*** (Page 13). This installation manual requires that a continuity test is performed on each of the conductors referenced below (L1, L2, etc) from the Atom EV Smart Distribution Panel to Atom EV Pedestal. Once the continuity test is complete we require all the wires from the panel to the pedestal be labeled by the installer with the labels shown below.

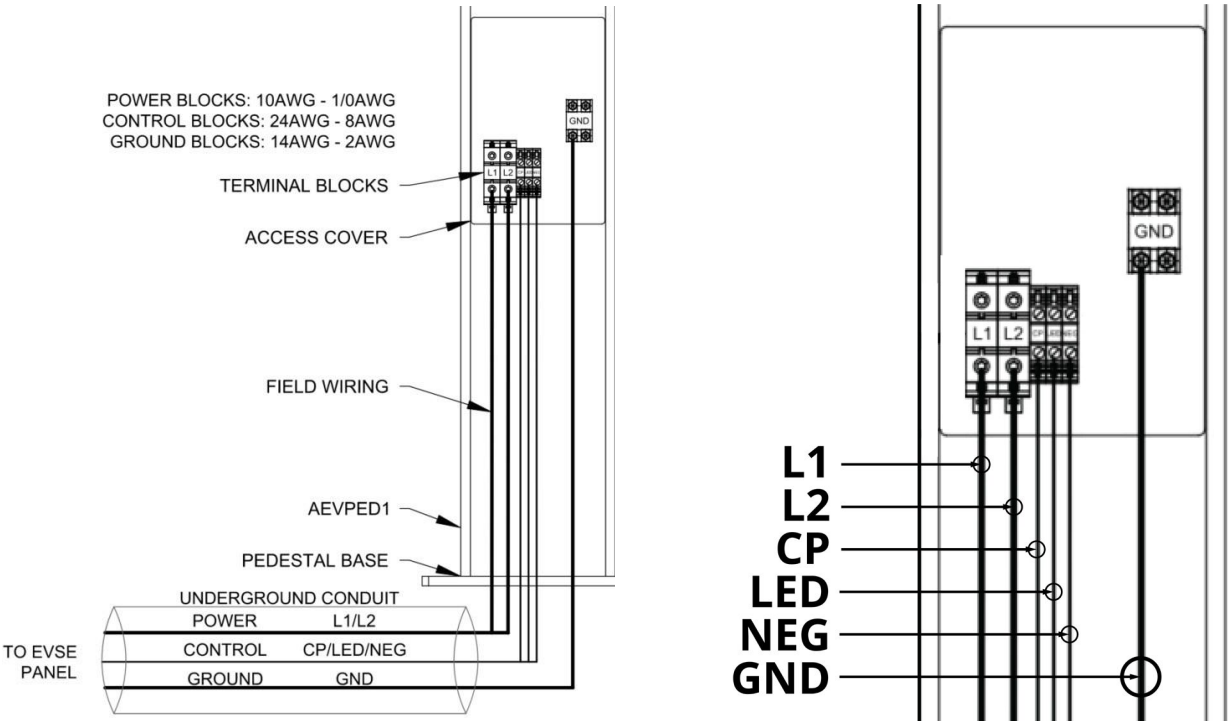


***Figure F**: 52” Pedestal (Single)*
AEV-48PED-L18 | AEV-48PED-R18 | AEV-48PED-L25 | AEV-48PED-R25
AEV-80PED-L18 | AEV-80PED-R18 | AEV-80PED-L25 | AEV-80PED-R25

Terminal Connection	Torque Value Nm (IN - LBS)
L1 / L2	2.5 (22 in. - lbs)
Ground	2.5 (22 in. - lbs)
CP / LED / LED Ground	1.2 (10.6 in. - lbs)

52” PEDESTAL WIRING - DUAL

Note: Reference Installation Video link below for clear guidance on wiring the Pedestal.
Link : Pedestal Wiring Video

IMPORTANT: Once the wiring is complete, please refer back to ***Step 5: Continuity Testing*** (Page 13). This installation manual requires that a continuity test is performed on each of the conductors referenced below (L1, L2, etc) from the Atom EV Smart Distribution Panel to Atom EV Pedestal. Once the continuity test is complete we require all the wires from the panel to the pedestal be labeled by the installer with the labels shown below.

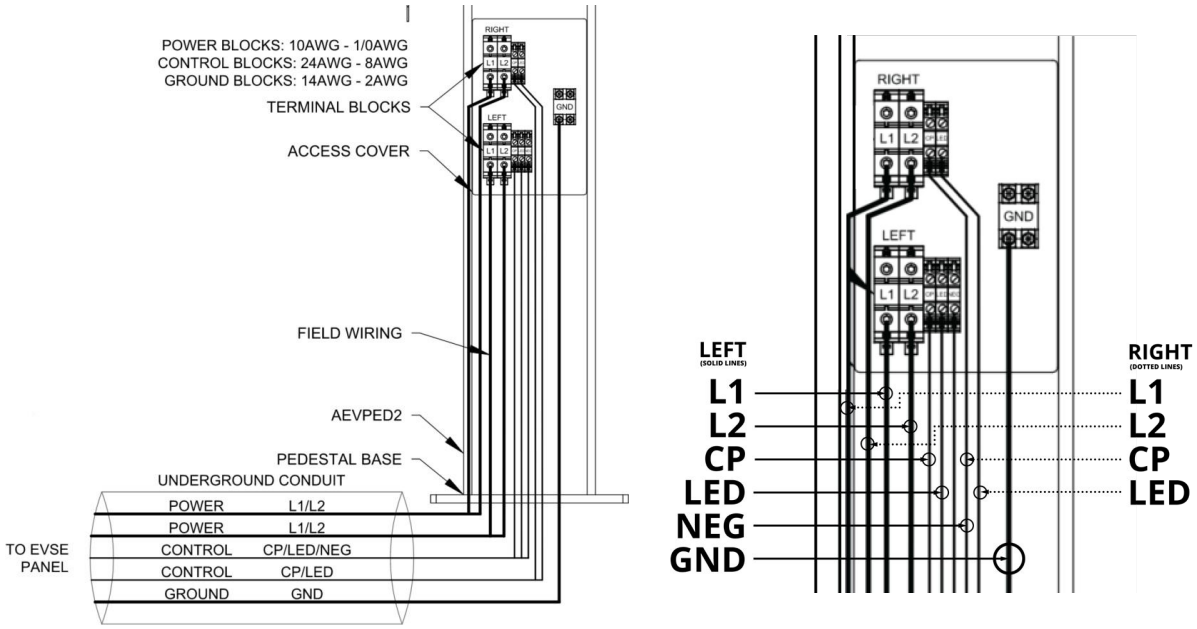


Figure G: *52” Pedestal (Dual)*
AEV-48PED-D18 | AEV-48PED-D25
AEV-80PED-D18 | AEV-80PED-D25

Terminal Connection	Torque Value Nm (IN - LBS)
L1 / L2	2.5 (22 in. - lbs)
Ground	2.5 (22 in. - lbs)
CP / LED / LED Ground	1.2 (10.6 in. - lbs)

CABLE MANAGEMENT PEDESTAL WIRING - SINGLE

Note: Reference Installation Video link below for clear guidance on wiring the Pedestal.
Link : Pedestal Wiring Video

IMPORTANT: Once the wiring is complete, please refer back to ***Step 5: Continuity Testing*** (Page 13). This installation manual requires that a continuity test is performed on each of the conductors referenced below (L1, L2, etc) from the Atom EV Smart Distribution Panel to Atom EV Pedestal. Once the continuity test is complete we require all the wires from the panel to the pedestal be labeled by the installer with the labels shown below.

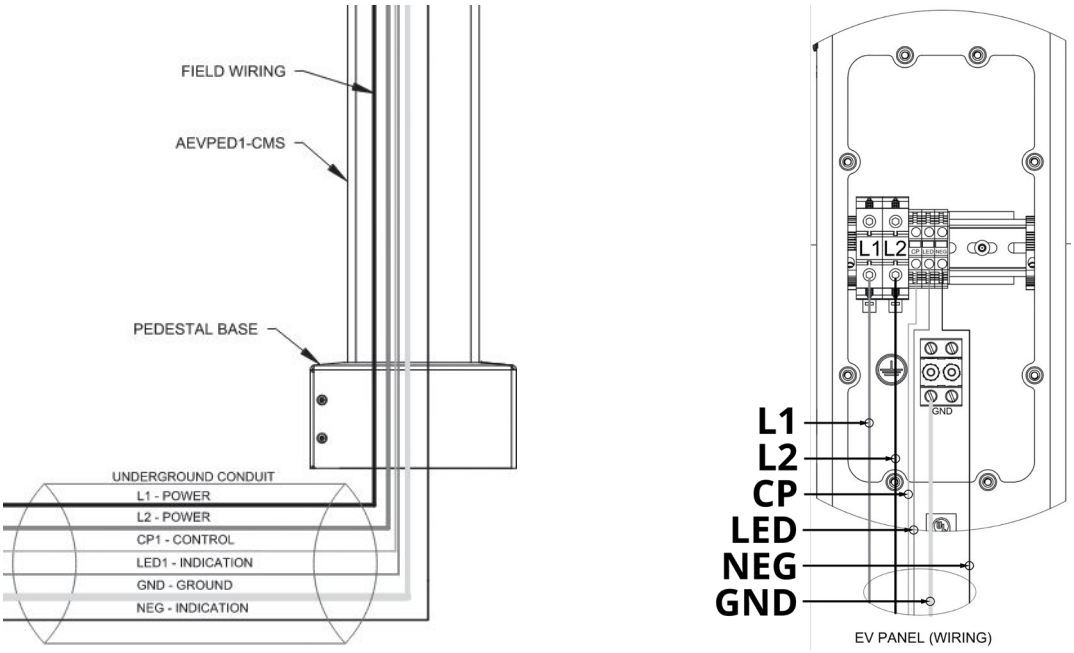


***Figure H**: Cable Management Pedestal (Single)*
AEV-48CMPED-L18 | AEV-48CMPED-R18 | AEV-48CMPED-L25 | AEV-48CMPED-R25
AEV-80CMPED-L18 | AEV-80CMPED-R18 | AEV-80CMPED-L25 | AEV-80CMPED-R25

Terminal Type	Terminal Name	Wiring Size (AWG)	Torque Value NM (IN-LBS)
Power	L1/L2	10-1	2.5 (22)
Ground	GND	10-6	2.5 (22)
Control	CP/LED/NEG	18-12	1.2 (10.6)

CABLE MANAGEMENT PEDESTAL WIRING - DUAL

Note: Reference Installation Video link below for clear guidance on wiring the Pedestal.
Link : Pedestal Wiring Video

IMPORTANT: Once the wiring is complete, please refer back to ***Step 5: Continuity Testing*** (Page 13). This installation manual requires that a continuity test is performed on each of the conductors referenced below (L1, L2, etc) from the Atom EV Smart Distribution Panel to Atom EV Pedestal. Once the continuity test is complete we require all the wires from the panel to the pedestal be labeled by the installer with the labels shown below.

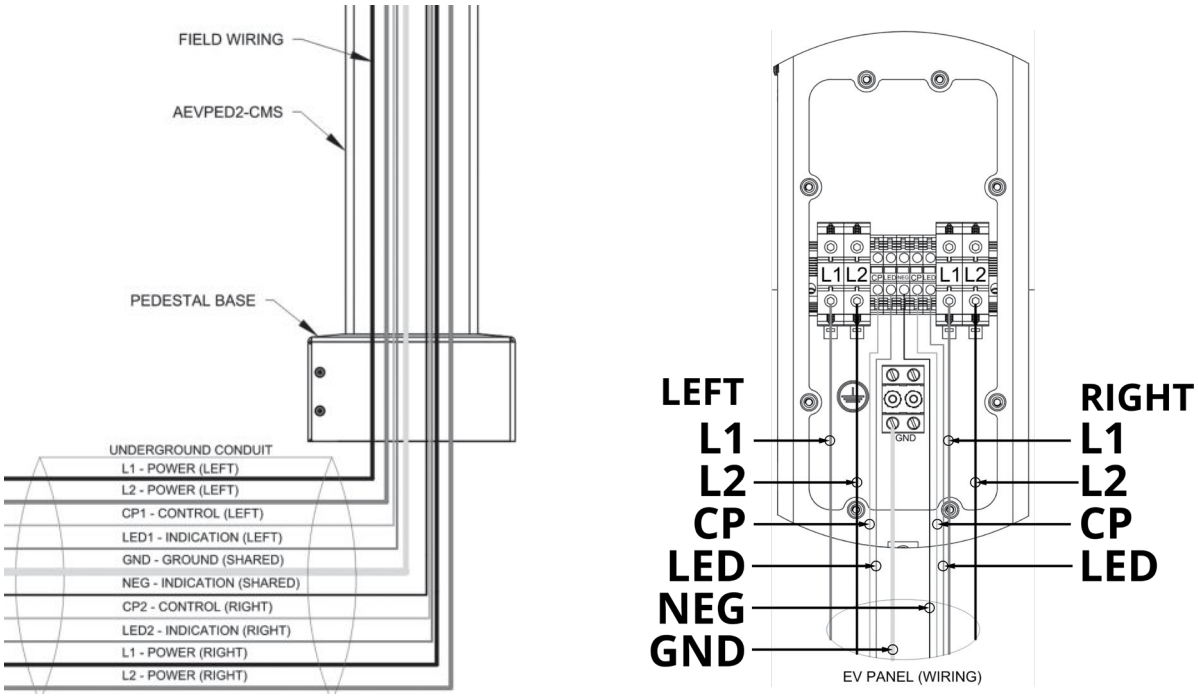


***Figure I**: Cable Management Pedestal (Dual)*
AEV-48CMPED-D18 | AEV-48CMPED-D25
AEV-80CMPED-D18 | AEV-80CMPED-D25

Terminal Type	Terminal Name	Wiring Size (AWG)	Torque Value NM (IN-LBS)
Power	L1/L2	10-1	2.5 (22)
Ground	GND	10-6	2.5 (22)
Control	CP/LED/NEG	18-12	1.2 (10.6)

END OF INSTRUCTION

For any questions, please contact us @ **844.704.2866**

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