

Installation Checklist for Pedestal-Mount Power Link 2000

Variation A

To adhere to ChargePoint best practices, complete this checklist before you leave the site.

Express Plus Power Link 2000		
1.	Ensure that all clearance requirements for service and ventilation of the Power Link 2000 are met. Refer to the Clearances and Ventilation sections of the <i>Express Plus Power Link 2000 Site Design Guide</i> .	☐
2.	If conduit stub-up entry used, ensure the conduit stub-ups inside the Power Link 2000 are 102 - 160 mm (4 - 6.3 in) above the concrete pad. Refer to the Check Site Readiness section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
3.	Ensure that leveling nuts are installed on the anchor bolts and the Power Link 2000 pedestal is level. Refer to the Install Leveling Nuts section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
4.	Ensure that the Power Link 2000 pedestal top nuts are torqued to 94.9 Nm (70 ft-lb). Refer to the Install Power Link 2000 onto Anchor Bolts section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
5.	If the site required surface entry of wires, ensure the Power Link 2000 Surface Conduit Entry Kit was used. Refer to the Appendix A: Surface Conduit Entry (SCE) Kit Installation section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
6.	Ensure that the conductors, cables, and lugs meet the specifications listed in the Materials section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
7.	Ensure that all cables (HVDC, LVDC) are labeled correctly and clearly identified. Refer to the Connect Wires section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐

Express Plus Power Link 2000		
8.	Ensure that charging cables are installed, are mounted to the Cable Management Kit (CMK), and do not touch the ground when plugged into holsters Refer to the Suspend Charging Cable section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
9.	Ensure the Cable Management Kit (CMK) is installed at the correct height (which is generally maximum height for outdoor Power Link 2000 installations) and that the charging cables extend and retract fully and operate smoothly. Refer to the Suspend Charging Cable section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
10.	Ensure that all fasteners on the field-installed components are properly torqued. Refer to the Tightening Torque section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
11.	Ensure that an electrical installer will be on site during commissioning.	☐
12.	Verify all site construction work is complete.	☐
13.	Ensure that the site is inspected by authority having jurisdiction (AHJ).	☐
14.	Verify the site is energized by utility.	☐
15.	Ensure site AC voltage measurements are within acceptable range (480 V AC +/- 10% (Phase-Phase)).	☐
16.	Ensure that all ground and earth connections are made, including those to ground lugs. Refer to the Connect Wires section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
17.	Ensure that all connections have correct polarity and are installed on the correct bus. Refer to the Connect Wires section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
18.	Ensure that all service wires are inserted into their designated terminal blocks and ensure all electrical connections are clean and snug (not pinched or trapped).	☐
19.	Ensure that all electrical enclosures are cleaned and vacuumed and are free of wire strands, metal shavings, debris, packaging material, or all other foreign objects.	☐
20.	Ensure that the 48 V DC breaker is powered on, enclosure doors are closed, and all covers and panels are installed. Refer to the Install Covers section in the Installation Guide using the following link: https://docs.chargepoint.com/ref-docs-sec/content/pdfs/3-dc/expp/pl2000/pl2000-ig_pedestal_variationa.pdf .	☐
21.	Ensure that any twists in charging cables are removed and straightened.	☐
22.	Ensure that Power Link 2000 is fully secured and does not rock or move.	☐
23.	Ensure that the parking area is clean and free of all packaging, debris, and anything that could damage vehicle tires.	☐
24.	Ensure that all local required forms are prepared.	☐

Third-Party Service Providers

Services Performed

Details	Complete the following:
Description of Service Provided	
Location	
Unit	
Panel ID	
Breaker	

Contact Information

Service Provider	Complete the following:
Technician Name	
Email	
Service Company Name	
Address	
Contact Person	
Phone	

Site Owner/Customer	Complete the following:
Contact Person	
Email	
Business Name	
Site Address	
Phone	

Questions

For assistance, navigate to chargepoint.com/support and contact technical support using the appropriate region-specific number.