

# Post Installation Checklist for Power Link 1000

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

Express PlusPower Link 1000			
1.		Ensure that all clearance requirements for service and ventilation of the Power Link 1000 are met. Refer to the Clearances and Ventilation sections of the <i>Express Plus Power Link 1000 Site Design Guide</i> .	<input type="checkbox"/>
2.		Ensure that leveling nuts are installed on the anchor bolts and the Power Link 1000 pedestal is level. See <u>Prepare Power Link 1000 Pad</u> .	<input type="checkbox"/>
3.		Ensure that the Power Link 1000 pedestal top nuts are torqued to 95 Nm (70 ft-lb). See <u>Mount and Secure Power Link 1000</u> .	<input type="checkbox"/>
4.		If the site required surface entry of wires, ensure the Power Link 1000 Surface Conduit Entry Kit was used. Refer to the <i>Power Link 1000 Surface Conduit Entry Kit Guide</i> .	<input type="checkbox"/>
5.		Ensure that the conduit stub-ups inside the Power Link 1000 are at least 102 - 160 mm (4 - 6-1/4 in) above the concrete pad. See <u>Mount and Secure the Pedestal</u> .	<input type="checkbox"/>
6.		Ensure that the conductor specifications meet the requirements listed below. Refer to the Electrical Design chapter of the <i>Express Plus Power Link 1000 Site Design Guide</i> .	<input type="checkbox"/>
	a.	High voltage DC wires are XHHW/XHHW-2 based on site condition (dry or wet) and are rated for 1000 V at 90 °C (194 °F).	<input type="checkbox"/>
	b.	Low voltage DC wires are XHHW/XHHW-2 based on site condition (dry or wet), 16 mm <sup>2</sup> (6 AWG), copper, and are rated for 1000 V at 75 °C (194 °F).	<input type="checkbox"/>
	c.	Ethernet cable is Cat6 STP and is outdoor rated.	<input type="checkbox"/>
7.		Ensure HV DC lugs are two hole (for North America), plated compression lugs (not mechanical). See <u>Bring These Tools and Materials</u> .	<input type="checkbox"/>
8.		All cables (HV DC, LV DC) are labeled correctly and clearly identified. See <u>Connect Wiring</u> .	<input type="checkbox"/>
9.		Ensure that the charging cables are installed and they do not touch the ground when plugged into holsters and hanged to the Cable Management Kit (CMK). See <u>Install DC Smart Cable</u> .	<input type="checkbox"/>
10.		Ensure that the Cable Management Kit (CMK) is installed at the height specified	<input type="checkbox"/>

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		by the site plan and that the charging cables extend and retract fully and operate smoothly. See <u>Install Cable Management Kit</u> .	
11.		Ensure that all fasteners on field-installed components are properly torqued. See <u>Tightening Torque</u> .	<input type="checkbox"/>
12.		Ensure that the correct output power rating label is applied on the Power Link 1000. See <u>Verify and Adhere Ratings Label</u> .	<input type="checkbox"/>
13.		Ensure that an electrical installer will be on site during commissioning.	<input type="checkbox"/>
14.		Verify all site construction work is complete.	<input type="checkbox"/>
15.		Ensure that the site is inspected by authority having jurisdiction (AHJ).	<input type="checkbox"/>
16.		Verify the site is energized by utility.	<input type="checkbox"/>
17.		Ensure that the site AC voltage measurements are within acceptable range (480 V AC +/- 10% (Phase-Phase)).	<input type="checkbox"/>
18.		Ensure that all ground and earth connections are made, including those to ground lugs. See <u>Connect Wiring</u> .	<input type="checkbox"/>
19.		Ensure that all connections have correct polarity and are installed on the correct bus. See <u>Connect Wiring</u> .	<input type="checkbox"/>
20.		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).	<input type="checkbox"/>
21.		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.	<input type="checkbox"/>
22.		Ensure that the 48 V DC breaker is powered on, enclosure doors are closed, and all covers, panels, and vinyl signs are installed. See <u>Install Doors</u> and <u>Install Covers</u> .	<input type="checkbox"/>
23.		Ensure that any twists in charging cables are removed and straightened.	<input type="checkbox"/>
24.		Ensure that Power Link 1000 is fully secured and does not rock or move.	<input type="checkbox"/>
25.		Ensure that Power Block is labeled with the panel and breaker information and Power Link 1000 is labeled with the upstream Power Block and/or Power Hub information.	<input type="checkbox"/>
26.		Ensure that the parking area is clean and free of all packaging, debris, and anything that could damage vehicle tires.	<input type="checkbox"/>
27.		Ensure that all local required forms are prepared.	<input type="checkbox"/>

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## 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](https://chargepoint.com/support) and contact technical support using the appropriate region-specific number.