

# ChargePoint® Express Distro Power Link 2000

One platform, infinite possibilities



# Express Distro Power Link 2000 Specifications

## Electrical

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| Max Output Power per Connector     | Up to 1.2 MW, dependent on cable amperage and Power Block configuration |
| Max Input Current, Auxiliary       | 48 VDC, 20 A                                                            |
| Input and Output Voltage, Charging | 100 to 1000 VDC                                                         |
| CCS2 Output Current                | Option 1: 600 A with liquid cooled cable<br>Option 2: 400 A             |
| MCS Output Current                 | 1200 A with liquid cooled cable                                         |

## Functional Interfaces

|                |                                                                                                                                                                                                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Indicators     | Multicolor Status LEDs                                                                                                                                                                                                                                                                                    |
| LCD Display    | Option 1: Full color 203 mm (8 in) interactive display with full motion video, UV protection and multi-language support<br>Option 2: Full color 380 mm (15 in) interactive display with full motion video, UV protection and multi-language support                                                       |
| Branding       | Brandable front panels                                                                                                                                                                                                                                                                                    |
| Authentication | RFID: ISO 15693, ISO 14443<br>Virtual RFID NFC (Tap to Charge)<br>Contactless credit card<br>Virtual contactless credit card Apple Pay & Google Pay<br>EMV chip credit card (available on -CHIP models only)<br>Remote: Mobile App and in vehicle dash (If supported by vehicle) ISO 15118-2, Plug&Charge |

## Connectivity Features

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Local Area Network | 2.4 GHz and 5 GHz WiFi (802.11 b/g/n)<br>Wired Ethernet |
|--------------------|---------------------------------------------------------|

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|                                   |                                                                 |
|-----------------------------------|-----------------------------------------------------------------|
| Communication with Power Block    | Ethernet                                                        |
| Wide Area Network                 | 4G LTE                                                          |
| Supported Communication Protocols | OCPP 2.0.1                                                      |
| Service and Maintenance           | Remote system monitoring, diagnostic, and proactive maintenance |

## Safety Ratings & Protocol

|                       |                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------|
| Vehicle Communication | CCS2: ISO 15118-2, ISO 15118-3, DIN 70121, IEC61851-23<br>MCS: SAE J3271                                         |
| Plug-Out Detection    | Power terminated per IEC 61851-23 (CCS2)                                                                         |
| Safety and Compliance | Certification in progress<br>CE and UKCA marked. Complies with IEC 61851-1 and IEC 61851-23<br>Eichrecht<br>RoHS |
| Surge Protection      | Tested to IEC 61000-4-5, Level 5 (6 kV @ 3,000 A)                                                                |
| EMC Compliance        | EN55011, EN55022, and IEC 61851-21-2 Class A                                                                     |

## Generic Specifications

|                           |                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| Station Dimensions        | See diagrams below                                                                                       |
| Station Footprint         | See diagrams below                                                                                       |
| Station Weight            | Approximately 209 kg (459 lb). Refer to Site Design Guide for more details.                              |
| Number of Connectors      | Up to 2 connectors per station, depending on connector type                                              |
| Supported Connector Types | SAE J3271 (MCS), CCS2 (IEC 61851-23)                                                                     |
| Cable Length              | Liquid cooled cable: 5 m (16.4 ft)<br>Air cooled cable: 5.8 m (19 ft), 7.6 m (25 ft)<br>MCS: 4 m (13 ft) |

|                          |                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| Cable Management         | 2.4 m (7.9 ft) Cable Management Kit, 3.0 m (9.8 ft) Cable Management Kit, Overhead Cable Management |
| Station Enclosure Rating | Type 3R, IP56, IK10 (Except credit card chip reader)                                                |
| Mounting Type            | Ground                                                                                              |
| Operational Altitude     | < 3,000 m (9,800 ft)                                                                                |
| Operating Temperature    | -40°C to 50°C (-40°F to 122°F) with derating                                                        |
| Storage Temperature      | -40°C to 70°C (-40°F to 158°F)                                                                      |
| Operating Humidity       | Up to 95% at 50°C (122°F) non-condensing                                                            |
| Standard Warranty        | Limited 2-Year Parts and Labor Warranty                                                             |

\*Horizontal reach to typical vehicle charging port is 3.76 m (12 ft 4 in) with standard cable

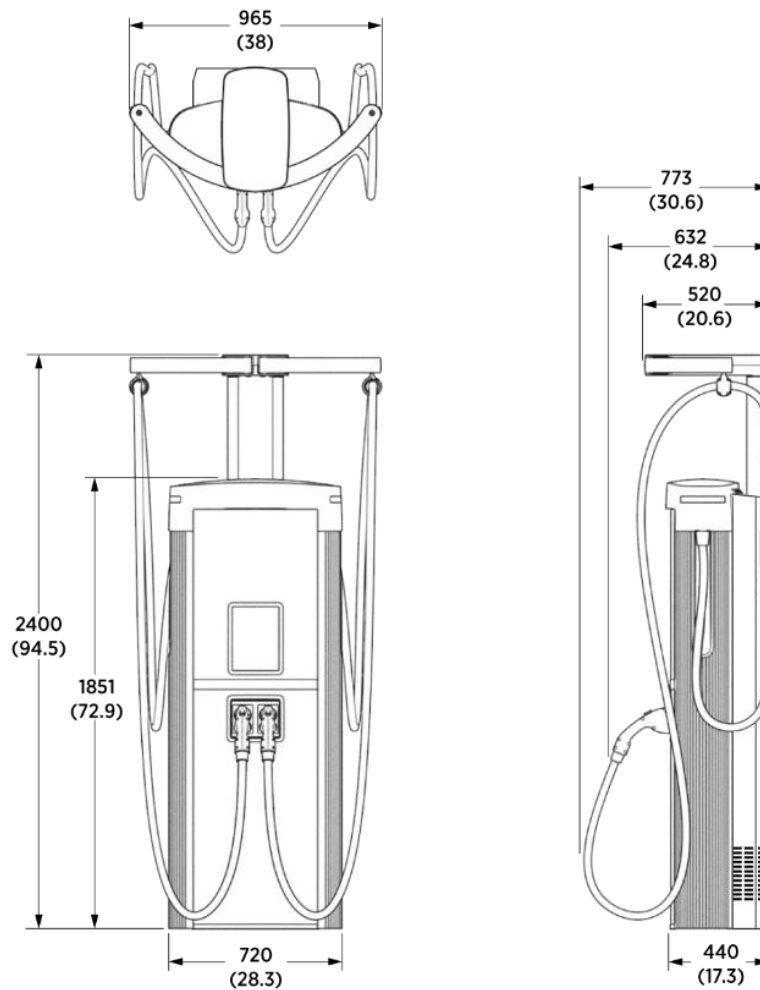
## Energy Management Features

|                          |                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Dynamic Power Management | Allows a fixed maximum power output per station or lets the system dynamically manage the power distribution per port |
| Remote Energy Management | Manage output power via the ChargePoint Admin Portal, API, and Open ADR 2.0b VEN                                      |

## Architectural Drawings

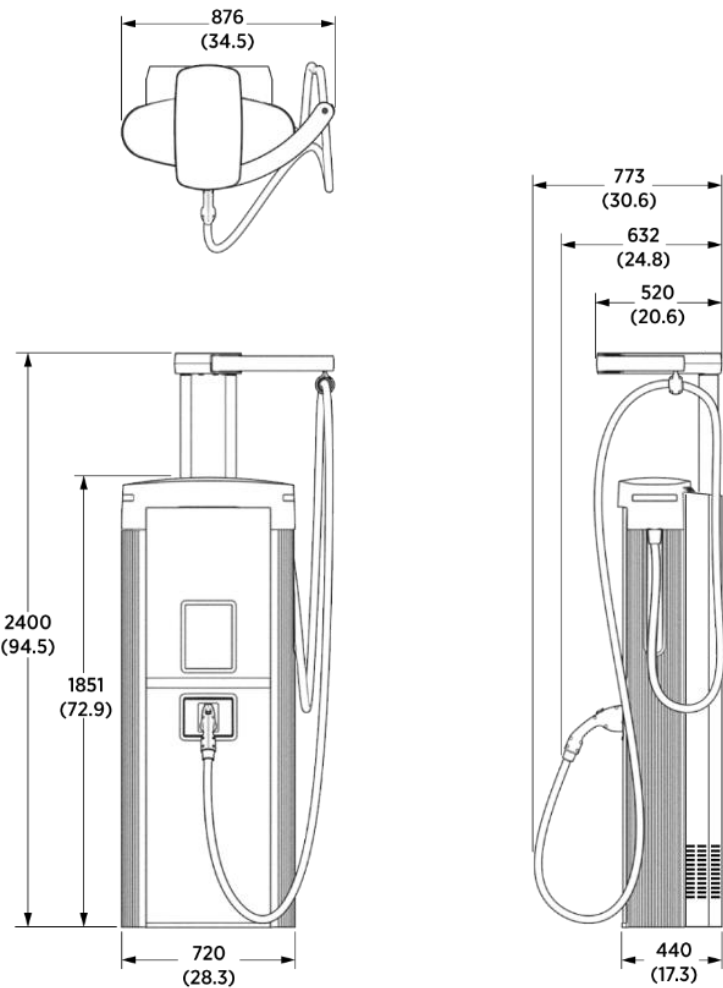
Note: Images are not to scale. Measurements appear in metric units (mm), followed by imperial equivalents (inches).

### Express Distro Power Link 2000, with liquid-cooled cable, dual connectors (non-MCS)



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Express Distro Power Link 2000, with liquid-cooled cable, single connector (non-MCS)



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