ChargePoint® Model Code Guide: Express Plus (EXPP)

Express Plus Overview

Express Plus (EXPP) is a platform that contains the Power Link, Power Block, and Power Hub stations. Power Link (PL) stations share configurations (like CP6000 configurations) and will dispense power from the Power Block (PB). These stations will share position information in the series name to allow quick identification of the number of connectors, mounting type, and region. Power Link naming will introduce a new shorthand for the attached cables, which allows a short representation of the various cables and connector types that can be delivered.

Model Code Naming Convention

Naming can be broken down as follows:

Power Link Code Variables	Power Block Code Variables
x or n = Variable that changes depending on specific indicator value/number	x or n = Variable that changes depending on specific indicator value/number
F(x) = Family name	F(x) = Family name
S(x) = Power Link series identifier	Y(x) = Power Block series identifier
C(x.x) = Power Link connector number and identifier	X(x) = Power Block amperage
O(x) = Options	O(x) = Options

Power Link Model Code

$$F(x) \quad S(x) \quad C1.(x) \quad C2.(x) \quad O(x)$$

[F1] - [F2][S1][S2][S3][S4][S5][S6] - [C1.1][C1.2][C1.3][C1.4][C1.5][C1.6][C1.7] - [C2.1][C2.2][C2.3][C2.4][C2.5][C2.6][C2.7] - [x]

Power Block Model Code

$$F(x) \quad Y(x) \quad X(x) \quad PD \quad O(x)$$

[F1] - [F2][x000] - [xxxA] - PD - [x]

Name Definitions

F(x)

Family Name: This is Express Plus (EXPP) followed by Power Link (PL)	
F1	Following Express Plus naming standard, start with "EXPP", not "CP"
F2	• PB = Power Block • PL = Power Link

S(x)

PL Series Indicator: This is the first 'type' of Power Link Station, the 1000 series	
S1	*Product series* • 1 = current version • 2 = LCC and simultaneous (2023)
S2	*Used for region:* • 0 = NA • 1 = EU
S3	*Used for # of connectors:* • 1 = single • 2 = dual sequential • 2X = dual simultaneous
S4	*Used for mounting:* • 1 = pedestal • 4 = overhead bottom exit • 7 = Pantograph mast mount • For ordering brackets, CMT or SCEK see [product availability.](#)
S5	*Used for camera & display:* • X = no camera & no display • B = 8" Display only • C = not used (to avoid confusion with S6) • D = 15" display only
S6	*Used for additional features:* • C = Supports liquid cooled cable (not used in FRU naming)

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C1.(x)

1st Cable Indicator: Series of characters indicating the specifications of the right connector and cable for a person facing the station—the number of C(x) strings is based on the S3 (# of connectors)	
C1.1	*Used for amp rating:* • 1A = 125A(EU)/140(NA) • 2A = 200A • 3A = 250A • 4A = 300A • 5A = 350A • 6A = 500A cooled cable • 7A = 500A conduit • 9A = 375A • 10A = 400A • 20A = 1200A
C1.2	*Used for connector type:* • 1 = CCS1 • 2 = CCS2 • 3 = CHAdeMO • 4 = NACS • 5 = Conduit Output (connection to pantograph) • 6 = CCS1 Cable with NACS Omni Port • 8 = MCS
C1.3	*Used for the cable length (exact length will be in the product description):* • S = Short/Standard • M = Medium • L = Long • X = None
C1.4	*Used for the type of cable management:* • 0 = none or other • 1 = CMK • 2 = Tall CMK
C1.5	*Used to indicate when a holster is not part of the configuration:* • 0 = no holster • Blank = holster is included
C1.6	- C should appear at the 99 level of the cable

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C2.(x)

2nd Cable Indicator: Series of characters indicating the specifications of the left connector and cable for a person facing the station	
C2.(x)	*Used for connector 2:* This is the left connector if you are facing the station and is only used if there is a second connector; it will be left out if there is only one connector. It uses the same format of C1.x and if the cable has the same specifications as the C1 cable, the C2 will be a duplicate.

Y(x)

PB Series Indicator	
1	Power Block 1000

X(x)

PB Amperage	
200	200A
250	250A
350	350A
500	500A

O(x)

Options: Available station options*	
-A	Added to 99s to avoid using the same product code as 00s (i.e. for LCC 99s)
-FHWA	Buy America - Federal Highway Administration compliant
-FTA	Buy America - Federal Transit Administration compliant

*Additional options branded stations like Mercedes (-MB) can be looked up, check price book

NOTE: Lengths and heights are in metric—descriptions would include metric and imperial measurements.

Model Code Samples

Power Link Example

EXPP-PL1021B-5A1S1-2A3S1: Express Plus Power Link PL1000 series, North America version, 1 CCS1 350A 5.8m cable, 1 CHAdeMO 200A 5.8m cable, 2 Holsters, 2.4m cable management kit, pedestal mount , with a 200mm (8") Touch Display

EXPP	F1	Product family name	*Express Plus = "EXPP"*

PL	F2	Product series name	*EXPP Power Link = "PL"*
1	S1	Product series	*1000 series = "1"*
0	S2	Region	*North America = "0"*
2	S3	Number of connectors	*2 connectors = "2"*
1	S4	Station mounting type	*Pedestal = "1"*
B	S5	Display or no display	*8" display only = "B"*
	S6		*n/a*

5A	C1.1	Cable amp rating	*350A = "5A"*
1	C1.2	Cable connector type	*CCS1 = "1"*
S	C1.3	Cable length	*Short/Standard = "S"*
1	C1.4	Cable management	*CMK = "1"*
	C1.5-C1.7		*n/a*

2A3S1	C2	Second cable	*200A, CHAdeMO, standard, CMK*

North American Examples

1. **EXPP-PL1014X-5A1M00:** Express Plus Power Link PL1000 series, North America, DC station, 1x CCS1 350A 7.6m cable, Overhead mount, ChargePoint signage.

2. **EXPP-PL1021B-5A1M00-5A1M00:** Express Plus Power Link PL1000 series, North America, DC Station, Sequential Charging, 2x CCS1 350A 7.6m cables, 2 Holsters, Pedestal, 200mm (8″) Touch Display, ChargePoint signage.

3. **EXPP-PL202X1DC-6A1S1-6A1S1:** Express Plus Power Link PL2000 series, North America, DC Station, Simultaneous charging, 2x CCS1 500A liquid cooled 5.8m cable, 2 Holsters, 2.4m Cable management kit, Pedestal, 381mm (15″) Touch Display, ChargePoint signage.

4. **EXPP-PB1000-500A-PD**: The Power Block is the physical enclosure for Power Modules. A Power Block can hold up to 5 Power Modules. EXPP-PB1000-500A-PD is rated for 500A.

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