

DC FAST CHARGER 60KW-240kW



When you need power now, this future-ready innovative design delivers up to 240kW and is perfect for fleet applications, highways and service centers. Faster charging means less time waiting and an enhanced user experience. The breezEV DC Fast Charger (DC FC) is the unrivaled EV charging solution for people and businesses where time is the most valued asset.

- MULTIPLE CABLE & CHARGING CONNECTOR OPTIONS; CCS1 or NACS
- 15 FT CCS1 CABLE INCLUDED
- 27 IN TOUCHSCREEN DISPLAY
- SMART CLOUD PORTAL W/ REMOTE DIAGNOSTICS
- DYNAMIC LOAD BALANCING
- ISO 15118 PLUG & CHARGE

POWERED BY **AUTEL**[®]

CHARGER INFO			MEASUREMENT (IN)		WEIGHT (LB)					
PRODUCT DESCRIPTION	PART #	MODEL NUMBER	PRODUCT (LxW xH)	PACKAGING (LxW xH)	PACKAGING	ENCLOSURE	NO. OF POWER MODULE (PM)	PM 35.5 PER	ENCLOSURE W/PM	ENCLOSURE W/PACKAGING
60KW UL DUAL PORT DCFC	BEV-L3-D60	UF060A3001	32.3 x 25.6 x 74.8	47.2 x 40.2 x 84.6	110.2	926±22	3	105.9	1031.9±22	1036.2±22
120KW UL DUAL PORT DCFC	BEV-L3-D120	UF120A3001	32.3 x 25.6 x 74.8	47.2 x 40.2 x 84.6	110.2	926±22	6	211.8	1137.8±22	1036.2±22
180KW UL DUAL PORT DCFC	BEV-L3-D180L	UF180A4001	32.3 x 29.5 x 74.8	47.2 x 40.2 x 84.6	110.2	1036±22	9	317.7	1353.7±22	1146.4±22
240KW UL DUAL PORT DCFC	BEV-L3-D240L	UF240A4001	32.3 x 29.5 x 74.8	47.2 x 40.2 x 84.6	110.2	1036±22	12	423.6	1459.6±22	1146.4±22

SPECIFICATIONS

breezEV DC FAST CHARGER 60KW-240kW

PART #	DCFC 60KW / 120kW	DCFC 180KW / 240kW
	60kW: UF060XXXXX 120kW: UF120XXXXX	180kW: UF180XXXXX 240kW: UF240XXXXX
THE "XXXXX" PORTION OF THE PRODUCT PART NUMBER REPRESENTS THE VARIOUS PRODUCT CONFIGURATIONS.		
ELECTRICAL		
MAX. INPUT AC CURRENT	60kW: 91A 120kW: 182A	180kW: 270A 240kW: 365A
NOMINAL INPUT AC CURRENT	60kW: 83A 120kW: 165A	180kW: 230A 240kW: 310A
CONNECTOR OPTION*	CCS1 or NACS	
INPUT VOLTAGE RANGE	480 V AC - 15 % to +10 % @ 60 Hz	
DC OUTPUT VOLTAGE	CCS1: 150 to 950 V DC; NACS: 150 to ### V DC	
NETWORK TYPE	TN-S, TN-C, TN-C-S, & TT (EXTERNAL RCD** REQUIRED)	
AC INPUT CONNECTION	3P + PE (NO NEUTRAL)	
PROTECTION	OVER-CURRENT, OVER-VOLTAGE, UNDER-VOLTAGE, GROUND-FAULT, OVER-TEMPERATURE, SHORT-CIRCUIT, INSULATION MONITOR (IMD), & SURGE PROTECTION	
OVERVOLTAGE CATEGORY	AC SIDE (INPUT) OVC: III	
POWER FACTOR (> 50 % LOAD)	≥ 0.98	
THDI (> 50 % LOAD)	≤ 5 %	
PEAK EFFICIENCY	≥ 96 %	
STANDBY POWER	80 W	
SHORT CIRCUIT CURRENT RATING	≥ 65 kA	
ENERGY METERING	CLASS A	
USER INTERFACE & COMMUNICATION		
CONNECTIVITY	INTERNET ACCESS VIA 4G / WI-FI / ETHERNET (RJ 45)	
USER AUTHENTICATION	QR CODE, RFID, CREDIT CARD (OPTIONAL)	
ISO 15118 PLUG & CHARGE	YES	
DIN 70121	YES	
INTERFACE	27 IN LCD HIGH-CONTRAST TOUCHSCREEN	
ACCESSIBLE FOR WHEELCHAIR USERS	YES	
COMMUNICATIONS PROTOCOLS	OCPP 1.6 JSON, OCPP 2.0.1 (CAN BE UPGRADED LATER)	
RFID READER	ISO 14443 A+B TO PART 4 & ISO/IEC 15693, MIFARE, NFC, CALYPSO, ULTRALIGHT, PAYPASS, HID & MORE	
EMERGENCY BUTTON	YES	
SOFTWARE UPDATE	OTA UPDATE VIA WEB PORTAL	
CONTROL AND CONFIGURATION	WEB PORTAL, ON-BOARD SERVICE PORTAL	
GENERAL CHARACTERISTICS		
PROTECTION RATINGS	NEMA 3R OUTDOOR USE & IK-10	
ENCLOSURE TYPE	STAINLESS STEEL 430	
OPERATION ALTITUDE	6561 FT. (6561 TO 9843 FT. WITH POWER DERATING)	
OPERATING TEMPERATURE	-31 °F TO +131 °F (+122 °F TO +131 °F WITH LINEAR POWER DERATING)	
STORAGE TEMPERATURE	-40 °F TO +158 °F	
HUMIDITY	< 95 % RH, NON-CONDENSING	
NOISE LEVEL	< 65 DB @1 M/25 %FULL LOAD/800 VDC	
MOUNTING	FREE-STANDING CABINET	
CABLE LENGTH	15 FT (OPTIONAL: 18 OR 25 FT)	
DIMENSIONS (H×W×D)	76.8×32.3×23.6 IN. (1950×820×600 MM)	76.8×32.3×27.6 IN. (1950×820×700 MM)
CERTIFICATIONS & STANDARDS		
COMPLIANCE & SAFETY	UL 2202, UL 2231-1, UL 2231-2, NEC ARTICLE 625, CSA C22.2 NO. 107.1-16	
EMC COMPLIANCE	FCC PART 15 CLASS A, CLASS B (OPTIONAL)	
WARRANTY	24 MONTHS WITH WARRANTY EXTENSIONS AVAILABLE	
NTEP	NATIONAL TYPE EVALUATION PROGRAM	

* CCS1 MAX 200A, CCS1 BOOST 300A (MAX 400A) ** RCD: RESIDUAL CURRENT DETECTOR FOR GROUND FAULT PROTECTION

PART NUMBER BUILDER

BRAND	CHARGING LEVEL	SERIES	OUTPUT PWR (kW)	CABINET SIZE
BEV	L3	D		
BREEZEV			60 120	BLANK (STANDARD)*
			180 240	L (LARGE)**

EXAMPLE PART NUMBER / BEV-L3-D180L

* STANDARD CABINET SIZE AVAILABLE ON 60kW & 120kW MODELS. ** LARGE CABINET SIZE AVAILABLE ON 180kW & 240kW MODELS.

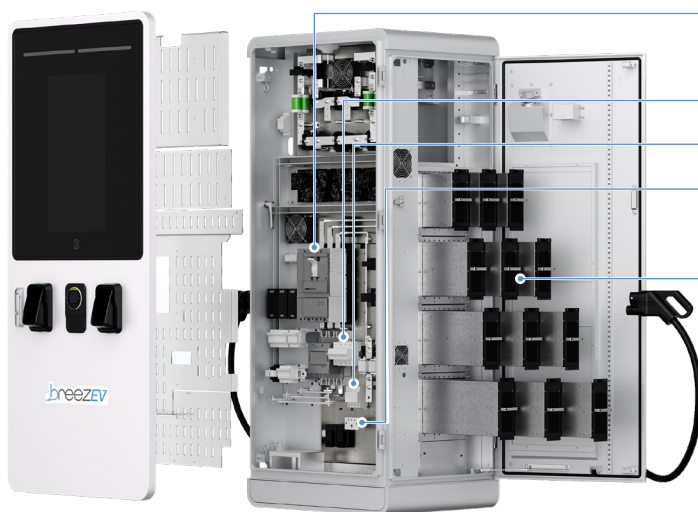
ADD ONS

PRODUCT DESCRIPTION	PART #
D SERIES NAYAX POS TERMINAL	BEV-L3-D-POS
D SERIES CABLE MANAGEMENT SYSTEM	BEV-L3-D-CMS
D60-D120 CABLE UPGRADE TO 18 FT	BEV-L3-D18
D60-D120 CABLE UPGRADE TO 25 FT	BEV-L3-D25
D60-D120 CABLE UPGRADE TO 18 FT W/ NACS PLUG	BEV-L3-D18-NA (NACS PLUG)
D60-D120 CABLE UPGRADE TO 25 FT W/ NACS PLUG	BEV-L3-D25-NA (NACS PLUG)

REQUIRED ADD ONS

PRODUCT DESCRIPTION	PART #
LEVEL 3 D SERIES PRE-COMMISSIONING	BEV-L3-DPC
1 YEAR CLOUD PLAN (PER PORT) DCFC	BEV-L3-DCA1
3 YEARS CLOUD PLAN (PER PORT) DCFC	BEV-L3-DCA3
5 YEARS CLOUD PLAN (PER PORT) DCFC	BEV-L3-DCA5

INTERNAL COMPONENTS



- A** MAIN BREAKER — CONNECTS/DISCONNECTS THE CHARGING MODULE
- B** AC INPUT FUSE
- C** AUXILIARY AC FUSE
- D** RCD BREAKER
- E** PE BUSBAR — CONNECTS THE PE CABLE
- F** CABLE GLAND PLATE
- G** CHARGING MODULE — VARIES DEPENDING ON POWER OUTPUT

The modular design means that future upgrade ability is a breeze. A cabinet can be purchased today at a lower power output, and upgraded in the future by simply adding additional power modules in the field.