

DC HiPOWER CHARGER 480kW/640kW



Power Dispensers

Ultra-fast charger delivering a seamless and efficient charging experience. The breezEV F-Series DCFC Chargers are perfect for highway rest-stops, gas stations and fleet management. Featuring a nondescript power cabinet that holds the power modules to power the charging dispensers, F-Series transforms your area into a fully- equipped charging station. And with flexibility to add an additional two dispenser units, HiPower can charge up to 8 electric vehicles at once.

- MAX. 650A LIQUID-COOLED CABLES AND LOW-TEMP FAST CHARGING TECH PROVIDES UP TO 250 MILES OF RANGE IN 10 MINS
- CHARGE UP TO 8 VEHICLES SIMULTANEOUSLY W/ SMART POWER DISTRIBUTION
- REVOLUTIONARY AI ALGORITHM INCREASES EV BATTERY LIFE BY UP TO 20%
- ENHANCED BATTERY HEALTH W/ INTELLIGENT CHARGING NAVIGATION PLANNING SYSTEM
- SAVE UP TO 20,000 KWH PER YEAR W/ DYNAMIC LOAD BALANCING
- BABA AVAILABLE

Power Cabinet

POWERED BY **AUTEL**



CHARGER INFO		
PART #	MODEL NUMBER	PRODUCT DESCRIPTION
BEV-L3-F480-2B	US480A2L0	480KW DCFC, 2 DISPENSERS 4 PORTS: BOOST 16' CABLE/CCS1 CABLE MANAGEMENT
BEV-L3-F480-2LC	US480A0L2	480KW DCFC, 2 DISPENSERS 4 PORTS: LIQUID COOLED 16' CABLE/CCS1 CABLE MANAGEMENT
BEV-L3-F640-2B	US640A2L0	640KW DCFC, 2 DISPENSERS 4 PORTS: BOOST 16' CABLE/CCS1 CABLE MANAGEMENT
BEV-L3-F640-2LC	US640A0LC2	640KW DCFC, 2 DISPENSERS 4 PORTS: LIQUID COOLED 16' CABLE/CCS1 CABLE MANAGEMENT

DC OUTPUT CONNECTION	LIQUID COOLING DISPENSER	BOOST DISPENSER
CHARGING MODE	MODE 4: CCS1	MODE 4: CCS1
OUTPUT1 POWER	480KW	240KW
OUTPUT1 VOLTAGE	150-950V	150-950V
OUTPUT1 CURRENT	CCS1 500A (MAX. 650A)	CCS1 300A (MAX. 400A), 200A (OPTIONAL)
OUTPUT2 POWER	480KW	240KW
OUTPUT2 VOLTAGE	150-950V	150-950V
OUTPUT2 CURRENT	CCS1 500A (MAX. 650A)	CCS1 300A (MAX. 400A), 200A (OPTIONAL)
NUMBER OF OUTPUTS	2*CCS1	2*CCS1, OR 1*CCS1+1*CHAdcMO
GENERAL CHARACTERISTICS		
ENCLOSURE RATING	NEMA 3S	NEMA 3S
OPERATING ALTITUDE	9843 FT	9843 FT
OPERATING TEMPERATURE RANGE	-31°F ~ +131°F (-35°C ~ +55°C)	-31°F ~ +131°F (-35°C ~ +55°C)
STORAGE TEMPERATURE RANGE	-40°F ~ +158°F (-40°C ~ +70°C)	-40°F ~ +158°F (-40°C ~ +70°C)
MOUNTING	FLOOR STANDING	FLOOR STANDING
DIMENSIONS (H×W×D)	82×22×13 IN	82×22×13 IN
SCREEN TYPE	8/15.6 INCH LCD TOUCH SCREEN (1920*1080)	8/15.6 INCH LCD TOUCH SCREEN (1920*1080)
CABLE LENGTH	16FT STANDARD	16FT STANDARD
USER INTERFACE		
STATUS INDICATION	LED/LCD/APP	LED/LCD/APP
USER INTERFACE	AUTEL CHARGE APP; AUTEL CHARGE CLOUD	AUTEL CHARGE APP; AUTEL CHARGE CLOUD
CONNECTIVITY	ETHERNET	ETHERNET
COMMUNICATION PROTOCOLS	OCPP 1.6J (OCPP 2.0.1 OPTIONAL)	OCPP 1.6J (OCPP 2.0.1 OPTIONAL)
USER AUTHENTICATION	APP, RFID CARD, QR CODE, CREDIT CARD (OPTIONAL)	APP, RFID CARD, QR CODE, CREDIT CARD (OPTIONAL)
SOFTWARE UPDATE		
SOFTWARE UPDATE	OTA UPDATES VIA WEB PORTAL	OTA UPDATES VIA WEB PORTAL
CERTIFICATION AND STANDARDS		
SAFETY STANDARDS	UL 2202, UL 2231-1, UL 2231-2, NEC ARTICLE 625, CSA C22.2 NO. 107.1-16	UL 2202, UL 2231-1, UL 2231-2, NEC ARTICLE 625, CSA C22.2 NO. 107.1-16
CERTIFICATION	CSA, FCC PART 15 CLASS A	CSA, FCC PART 15 CLASS A
DESIGN LIFE	10 YEARS	10 YEARS
WARRANTY	24 MONTHS, WARRANTY EXTENSION POSSIBLE	24 MONTHS, WARRANTY EXTENSION POSSIBLE

AC INPUT	480KW (AIR COOLING)	640KW (AIR COOLING)
EARTHING SYSTEM	3P, PE (NO NEUTRAL)	3P, PE (NO NEUTRAL)
INPUT VOLTAGE	3-PHASE 480V AC $\pm 15\%$ (2 ROUTES)	3-PHASE 480V AC $\pm 15\%$ (2 ROUTES)
INPUT CURRENT	310A (NOMINAL), 345A (MAXIMUM)	414A (NOMINAL), 460A (MAXIMUM)
INPUT FREQUENCY	60HZ	60HZ
POWER FACTOR	≥ 0.99	≥ 0.99
HARMONIC DISTORTION (THDi)	$\leq 5\%$	$\leq 5\%$
AC INPUT CONNECTION		
NUMBER OF OUTPUTS (MAX.)	8	8
MINIMUM ADJUSTABLE POWER	40KW	80KW
CONNECTIVITY	4G, WI-FI, ETHERNET	4G, WI-FI, ETHERNET
PEAK EFFICIENCY	$\geq 96\%$	$\geq 96\%$
ENCLOSURE RATING	NEMA 3S	NEMA 3S
OPERATING ALTITUDE	9843 FT	9843 FT
OPERATING TEMPERATURE RANGE	-31°F ~ +131°F (-35°C ~ +55°C)	-31°F ~ +131°F (-35°C ~ +55°C)
STORAGE TEMPERATURE RANGE	-40°F ~ +158°F (-40°C ~ +70°C)	-40°F ~ +158°F (-40°C ~ +70°C)
MOUNTING	FLOOR STANDING	FLOOR STANDING
DIMENSIONS (H×W×D)	79×67×35 IN	79×67×35 IN
CERTIFICATION AND STANDARDS		
SAFETY STANDARDS	UL 2202, UL 2231-1, UL 2231-2, NEC ARTICLE 625, CSA C22.2 NO. 107.1-16	UL 2202, UL 2231-1, UL 2231-2, NEC ARTICLE 625, CSA C22.2 NO. 107.1-16
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* All pictures shown are for illustration purpose only, actual product and specifications may vary due to product enhancement