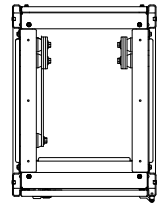


- Additional ABB UPS Application Notes (Lithium Installations):
- ABB SKU: 79-5000-0000043 (2000A rated up to 8 strings max)
  - DC Junction required for TLE 500 to 750kVA @4 or more battery strings
  - Install at end cap of battery lineup closer to UPS I/O section
  - All DC cabling via conduit or cable tray supplied by installation contractor
  - Drawing # 79-5000-0000043-LC-F18C8726DC

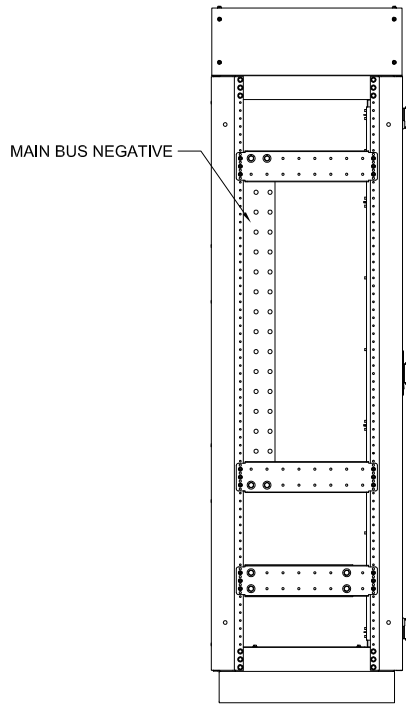
- NOTES:
- ASSEMBLY IS UL/CUL LISTED TO UL 1773 AND C22.2 NO. 76.
  - NEMA 1 TYPE ENCLOSURE.
  - THE CABINET IS CONSTRUCTED FROM GALVANIZED STEEL.
  - THE CABINET IS TO BE MOUNTED THROUGH THE Ø0.75" MOUNT HOLES IN THE CABINET LEGS. THE LEGS ARE FORMED FROM 10 GAUGE STEEL.
  - FINISH IS POWDER COAT ON ALL EXTERNAL AND VISIBLE SURFACES. INTERIOR PANELS AND MOUNT BRACKETS ARE GALVANIZED FINISH.
  - CABINET LEGS ARE REVERSIBLE FOR EASY ACCESS TO CABINET FLOOR MOUNTING HARDWARE.

LC-F18C8726DC SERIES JUNCTION CABINET			
1000-3000A 600VDC RATED			
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DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	MS
DECIMALS:	ANGLES:	CHECKED	CH
.XX ±.13	±1°		10/18/2021
.XXX ±.082			10/18/2021
SCALE:	SHEET:	REV:	
NTS	A	2	
SHEET 1 OF 2			



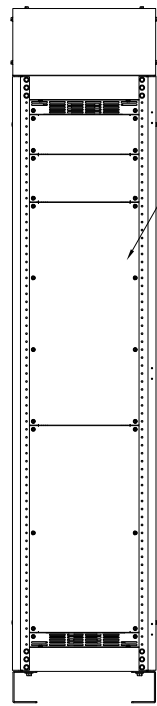


TOP VIEW  
(COVER REMOVED)



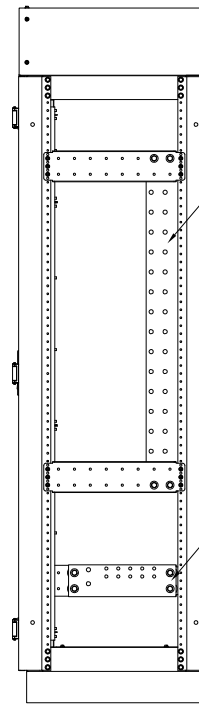
MAIN BUS NEGATIVE

LEFT VIEW  
(COVERS REMOVED)



REMOVABLE  
DEAD-FRONTS

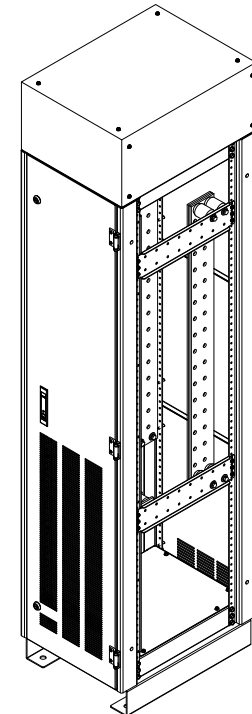
FRONT VIEW  
(DOOR REMOVED)



MAIN BUS POSITIVE

GROUND BUS

RIGHT VIEW  
(COVERS REMOVED)



ISOMETRIC VIEW  
(COVERS REMOVED)

NOTES:

- 1000A, 2000A, OR 3000A RATED BUS BAR (1000A / IN<sup>2</sup>)
- MAIN LANDING BUS IS PROVIDED WITH (16) TWO HOLE LANDINGS PER BUS ON 1-3/4" CENTERS TO ACCEPT Ø1/2" BOLTS. WILL ACCEPT LUGS WITH MAXIMUM TANG WIDTH OF 2-3/8".
- GROUND BUS OUTPUT (TO MAIN GROUND) IS PROVIDED WITH (1) TWO HOLE LANDINGS ON 1-3/4" CENTERS TO ACCEPT Ø1/2" BOLTS. WILL ACCEPT LUGS WITH MAXIMUM TANG WIDTH OF 2".
- GROUND BUS INPUT (FROM BATTERY CABINETS) IS PROVIDED WITH (5) TWO HOLE LANDINGS ON 1" CENTERS TO ACCEPT Ø3/8" BOLTS. WILL ACCEPT LUGS WITH MAXIMUM TANG WIDTH OF 1-1/2".
- ALL TWO HOLE LANDINGS ARE CAPABLE OF ACCEPTING UP TO (2) TWO HOLE LUGS IN BACK TO BACK CONFIGURATION.

LC-F18C8726DC SERIES JUNCTION CABINET  
1000-3000A 600VDC RATED

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DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	MTS
DECIMALS: .XX ±.13	ANGLES: ±1°	CHECKED	CH
			10/18/2021

SCALE: SEE NTS

REV: 2 SHEET 2 OF 2



Electrification Product Group  
EP Industrial Solutions Division  
Manufactured by C&C Power for ABB

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