

# LiftCase Battery Reference Guide

for all models: 24V / 36V / 48V



**LiftCase Battery**  
portable lithium power



ISO 13485 & ITAR Certified

designed, manufactured & distributed by Cell-Con

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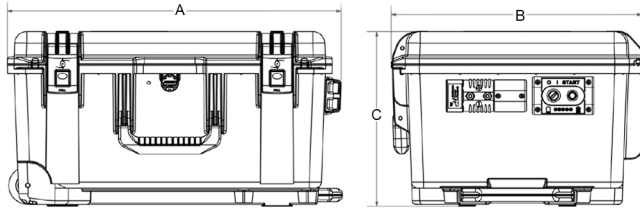
# LiftCase Battery Quick Reference Guide

## LiftCase Battery Models

Model	LiftCase 24V (800A peak)	LiftCase 36V (800A peak)	LiftCase 48V (800A peak)
Part Number	#86348	#86349	#86343
Nominal Voltage	25.6V	38.4V	51.2V
Weight	45 lbs.	50 lbs.	100 lbs.
Dimensions	22" x 16" x 12"	22" x 16" x 12"	31" x 20" x 12"
Battery Charger	#96769	#96770	
Charge Time	~2-4 hrs.	~2-4 hrs.	~3-4 hrs.



## Dimensions



Dimensions			
Model	A	B	C
24V	21.80"	16.40"	11.50"
36V	21.80"	16.40"	11.50"
48V	31.30"	20.40"	12.10"

## LiftCase Battery Chargers

Model	96769	96770	96771
Output Voltage	28.2V	42.3V	56.4V
Charge Current	21A	14A	10.5A
Battery	86348 (24V)	86349 (36V)	86343 (48V)
Dimensions	11.00" x 5.68" x 1.92"		
Weight	8.5 lbs.		
Wattage	600W		
Safety Standards	UL60950-1, TUV EN60950-1		



Only Use Approved Chargers

## Safety Precautions

- Ensure the LiftCase and equipment to be connected are both powered off before plugging in equipment
- Always observe proper polarity for all connections
- Do not leave the LiftCase outdoors or in direct sunlight for extended periods of time and avoid exposure to water
- Only use the specified model of charger
- The LiftCase is designed for use in ambient temperatures of 10C to 40C (50F to 104F)
- Do not open the LiftCase enclosure, there are no user serviceable parts inside & will void warranty



## Enabling Operation or Resetting After a Fault

- Turn the rotary switch to the "ON" position
- Push the start button
- The LiftCase is now active, the "ON" button and state of charge indicator will illuminate

## Disabling Operation

- Power down connected equipment
- Turn the rotary switch to the "OFF" position
- The "ON" button light and state of charge indicator should turn off
- The LiftCase may automatically power down after extended inactivity or due to low state of charge

## Recharging

- Turn the rotary switch to the "OFF" position and power down LiftCase
- Connect the charger output power cable to the LiftCase SB connector
- Plug in the input power connection to the charger
- The state of charge indicator will illuminate after a 3 second delay
- The unit will automatically terminate charging when full (typically less than 4 hours)
- Do not leave the LiftCase plugged in to the charger for more than 24 hours

## Storage and Maintenance

- Recharge the LiftCase every 6 months when not in use
- Store the LiftCase in a dry area at 0C to 30C (32F to 86F)