

# Lithium Battery Cabinet

LFP230V96A-M

LFP230V96A-S



The AIMS Power pre-wired lithium battery cabinet is easy to set up and only requires a few connections to the AIMS Power hybrid inverter.

## Unpacking the cabinet

Make sure there is no damage to the cabinet, all wires are secure, and the cabinet is stable. Check for the following included components:

1. Four eyehooks
2. Cabinet key
3. Battery cables from battery cabinet to AIMS Power hybrid inverter.
4. COM cable from battery cabinet to AIMS Power hybrid inverter.
5. Separate 12V batteries connected in series to power the cabinet's BMS. The cables and fuse kit that connect the battery cabinet to the inverter must be purchased separately.

## Battery Cabinet Front (BMS)



B1 = Master battery

B2 & B3 = Slave battery (if using more than one cabinet)

COM1 = Master

COM2 & COM3 = Slave

ON/OFF = Power switch

ADDR= Dip switch. If using one battery cabinet, dip switch number one should be in the up position and all others in the down position. If using two battery cabinets, dip switch number two should be in the up position and all others in the down position. If using 3 battery cabinets, dip switch number three should be in the up position and all others in down position. Dip switch number four is not used and should stay down. The master battery cabinet works with two slave batteries max.

## Battery Cabinet Back

The back of the battery cabinet is where you will find the ports to connect to the AIMS Power hybrid inverter. Connect to the AIMS Power hybrid inverter using the battery cabinet's terminals labeled P- and P+ and COM ports to the AIMS Power hybrid inverter's BAT + and BAT - and COM ports (CAN). More information about the AIMS Power Hybrid Inverters can be found on the AIMS Power website. It is recommended to use an inline fuse between the battery and inverter. Install the fuse closest to the battery cabinet on the positive cable. A fuse kit can be purchased through AIMS Power direct. NOTE: Do not reverse the polarity. If the polarity is reversed, it will void warranty. Make sure all power sources are off when making connections.



## Specifications

Voltage DC: 230.4V

Amp hours: 96

kWh 22.1 (22,114 watt hours)

Cabinet includes: Quantity 6 – 38.4V lithium packs prewired in series.

Max charge/discharge current: 50amps

Cycle life: >3500 cycles

Cut off discharge voltage: 180V

Max charge voltage: 262.8V

Efficiency: >97%

IP grade: IP54

Operating temp: -4°F to 140°F

Charging temp: 0°F to 140°F

Weight: 882 lbs

Dimensions (inch): 68.75H x 33.75D x  
24.75W



AIMS Power, Inc.

9550 Gateway Dr

Reno, NV 89521

[www.aimscorp.net](http://www.aimscorp.net)

[sales@aimscorp.net](mailto:sales@aimscorp.net)

775.359.6703