CONTAINER TEST

EMPTY CONTAINER

CONTAINER WITH FIRE BLUE DOT SYSTEM INSTALLED
CONTAINER TEST

CONTAINER FULL OF BOXES  BURNING INSIDE CONTAINER
PALLET CONTAINER TEST

PALLET CONTAINER SET UP

ALL SECURE TO PALLET PLATFORM FLOR
COMMON SENSE APPROACH

As discussed earlier that in order to contain the explosion in LITHIUM METAL (Primary) batteries we should not give the chance to increase the temperature. These batteries explode when it reaches above 212 degree F. Our thinking is this: We should not give the batteries to reach to that temperature.

In order to solve this problem, we created the thermal insulation box (cost about $22 to $25) with the cooperation of our airline customer.
1. We have the metal container (as shown in the picture). We install the FBD board inside the ceiling of the metal container. (We can make any size)
2. Then we put the thermal insulated box inside the metal container.
3. We put the battery box.
4. We put the dry ice (1”x4”x4”) on the top of the battery box.
5. We closed the thermal insulation box
6. We close the metal container lid.
7. Our container is safe for 8 hours.
8. We ship the container to its destination.

This way we are solving the LITHIUM METAL (PRIMARY) BATTERIES’S problem. As of now our FBD product works great with Lithium ion batteries and other product.

I am sure you are going to have many questions. Please feel free to let me know so that I may try to answer them.
SAFE WAY TO TRANSPORT LITHIUM BATTERIES

METAL CONTAINER

THERMAL INSULATION BOX INSIDE METAL CONTAINER
SAFE WAY TO TRANSPORT LITHIUM BATTERIES

METAL CONTAINER WITH FIRE BLUE DOT SYSTEM

THERMAL BOX WITH DRY ICE INSIDE TOP PART OF BOX
SAFE WAY TO TRANSPORT LITHIUM BATTERIES

PUTTING THERMAL BOX INSIDE METAL CONTAINER

CLOSE CONTAINER WITH THERMAL BOX
LITHIUM ION BATTERY TEST

LITHIUM ION BATTERY (RECHARGABLE)

READY WITH FIRE BLUE DOT SYSTEM TO BURN
LITHIUM ION BATTERY TEST

BURNING BOX WITH LITHIUM ION BATTERY INSIDE

FULL FLAME WHILE FIRE BLUE DOT FALLS ON FIRE
LITHIUM ION BATTERY TEST

FIRE BLUE DOT FALLS ON FIRE
PUTTING FIRE OUT

NO FIRE JUST DUST FROM
THE FIRE BLUE DOT SYSTEM
LITHIUM METAL (PRIMARY) BATTERY

SETTING LITHIUM METAL (PRIMARY) BATTERY (NON RECHARGABLE)  FIRE BLUE DOT SYSTEM INSTALLED
LITHIUM METAL (PRIMARY) BATTERY TEST

BURNING LITHIUM (PRIMARY) BATTERY

LITHIUM (PRIMARY) BATTERY BURN AND EXPLODED