



DGP/26-IP/4  
18/10/17

## **DANGEROUS GOODS PANEL (DGP)**

### **TWENTY-SIXTH MEETING**

**Montréal, 16 to 27 October 2017**

**Agenda Item 6: Resolution, where possible, of the non-recurrent work items identified by the Air Navigation Commission or the panel:**

**6.3: Mitigating risks posed by the carriage of lithium batteries by air (*Job card DGP.003.01*)**

### **NEW DANGEROUS GOODS LIST ENTRY FOR “LITHIUM BATTERIES INSTALLED IN CARGO TRANSPORT UNIT” (UN 3536)**

(Presented by PRBA – The Rechargeable Battery Association)

#### **SUMMARY**

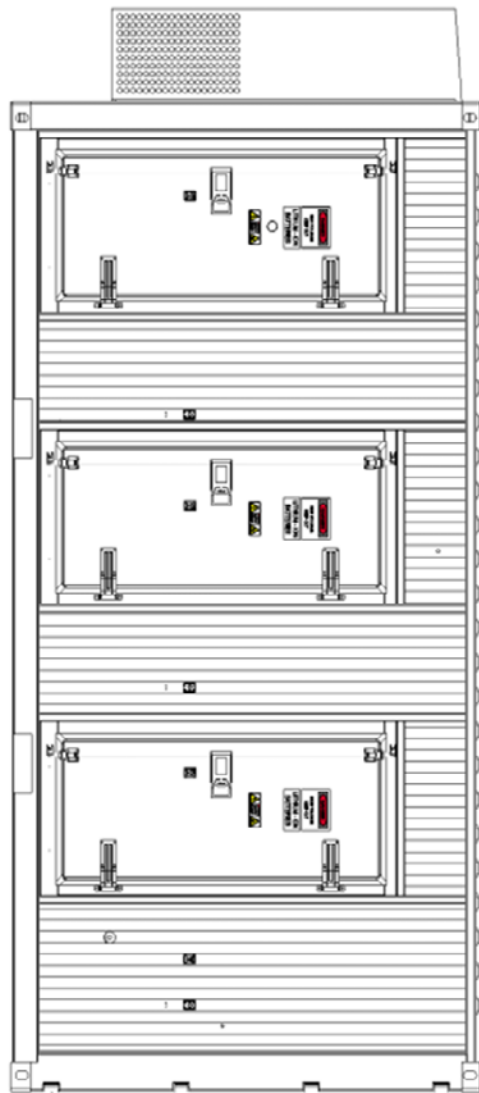
This Information Paper is intended to support WP/48 regarding the new dangerous goods list entry for “Lithium Batteries Installed in Cargo Transport Unit” (UN 3536) and provide information on these products for the benefit of the DGP.

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## APPENDIX

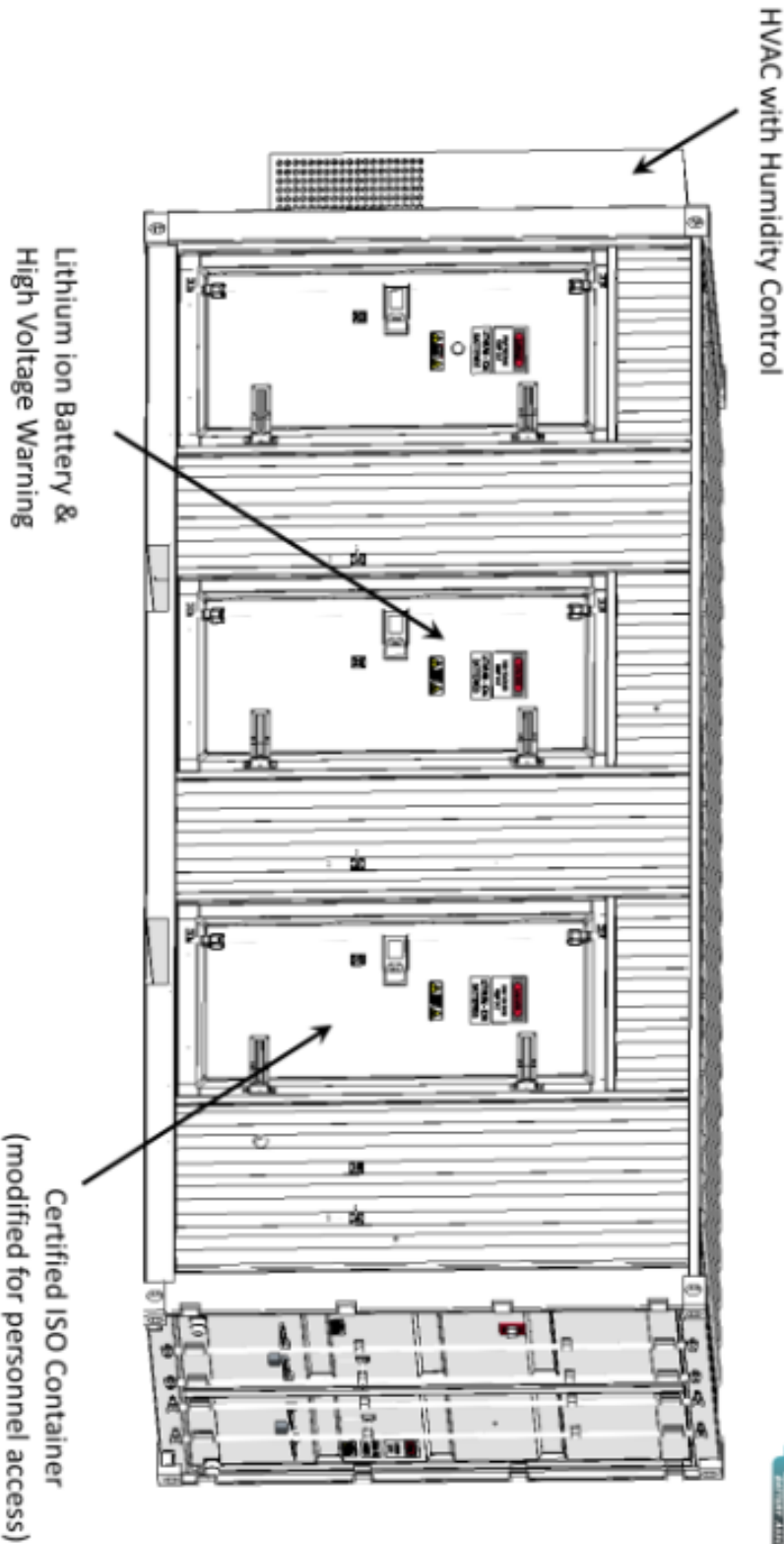
### MECHANICAL DRAWINGS



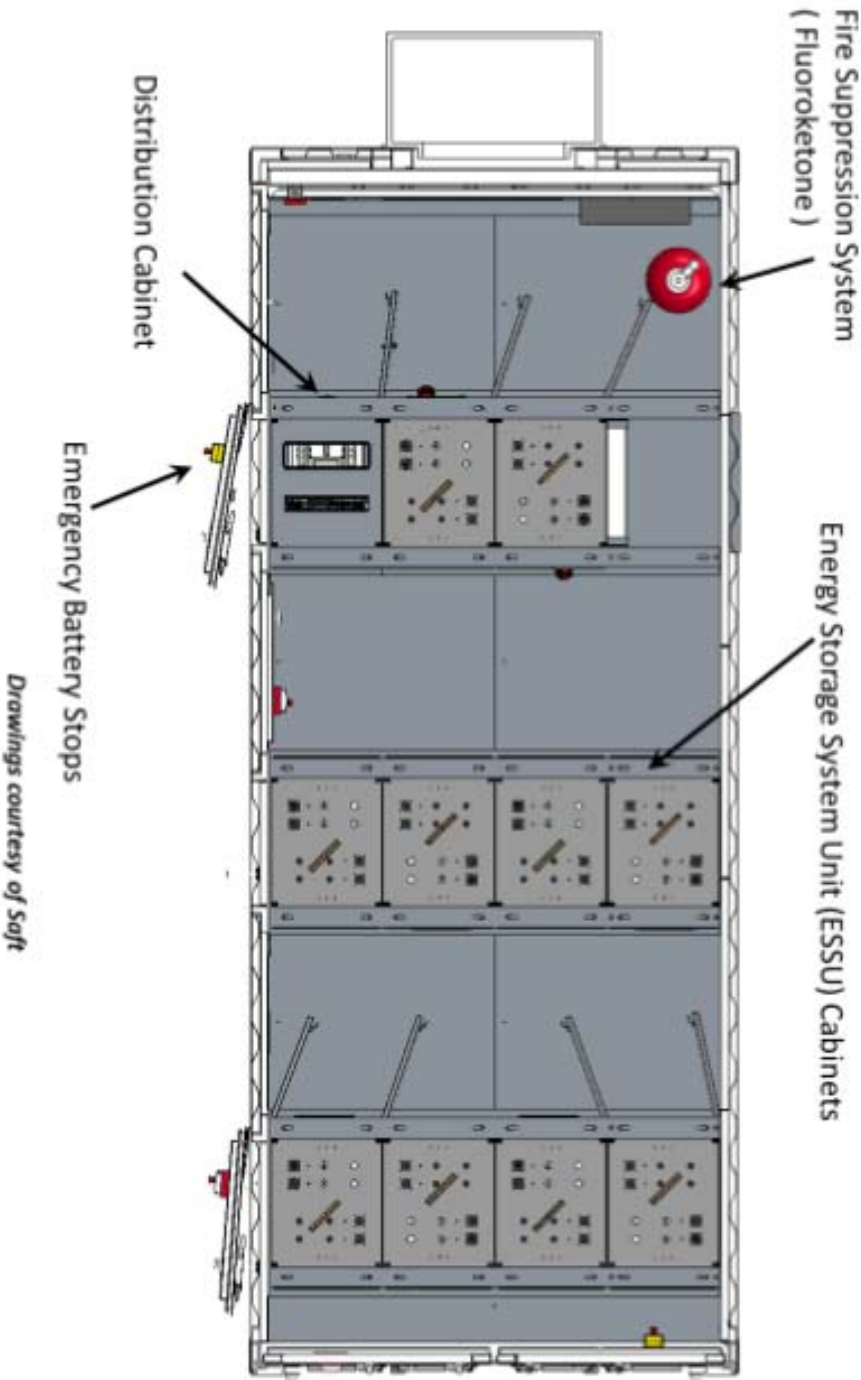
20 foot (6 meter) ISO Container: Compliant to - International Convention for Safe Containers (CSC)



*Drawings courtesy of Soft*

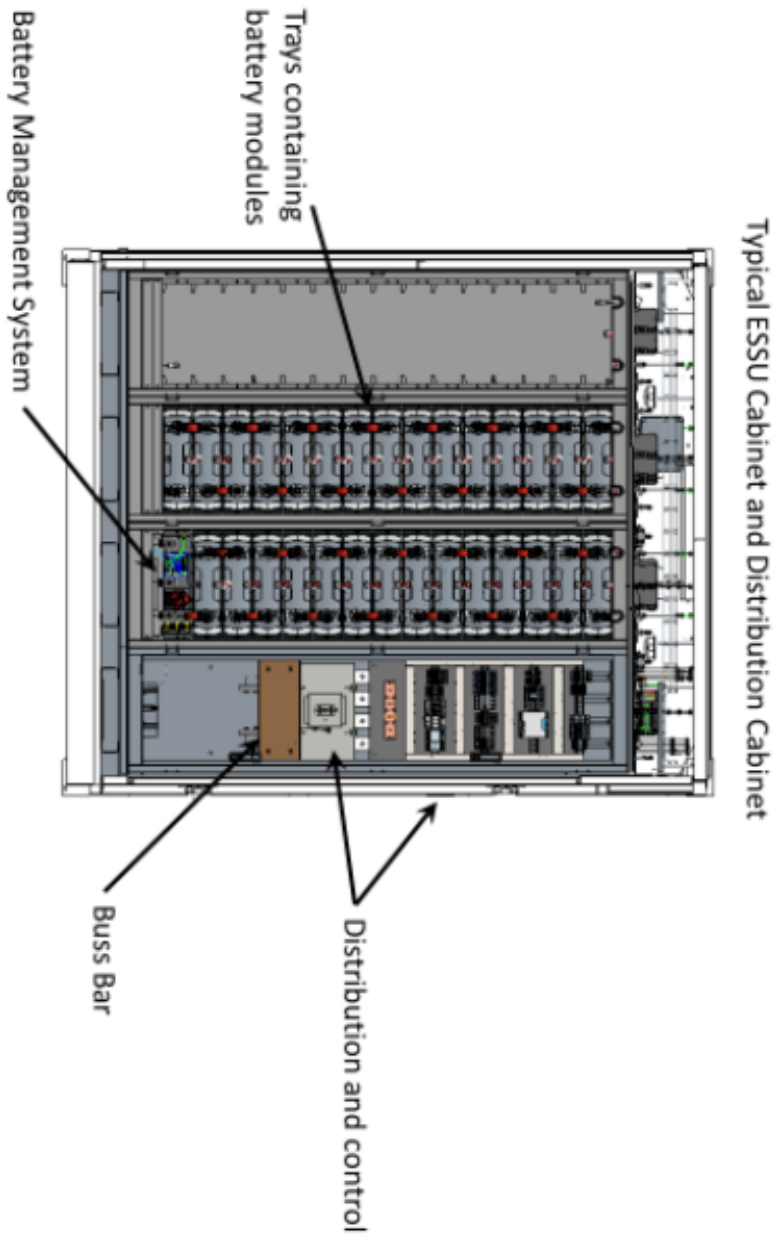


*Drawings courtesy of Safe*



*Drawings courtesy of Safe*





*Drawings courtesy of Soft*





- HVAC: Heating, Ventilation, Air Conditioning
- Buss Bar: An electrical junction in which all the incoming and outgoing electrical current meets.
- Battery Management System: Electronic system that manages assembly of batteries by protecting the assembly from operating outside its safe operating zone.
- Battery Module: A lithium ion “battery” comprised of lithium ion cells that serves as the building block for a large assembly of batteries. Also commonly used in electric vehicles.

A-5

*Drawings courtesy of Soft*

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