

Battery Shipments Authorized for US Ground Transport Packaging Authorization §173.185, Class 9

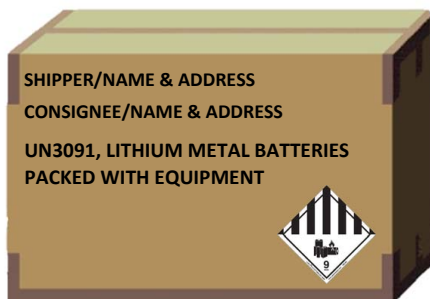
Customer Defined Shipment Specifications

- Lithium content is > 5 g/cell or > 25 g/battery

Packaging Requirements

- Inner packagings that completely enclose the cell or battery, and then be:
 - (Option 1) Placed in a packaging that meets packing group II standards and then further packed with the equipment in strong outer packaging; OR
 - (Option 2) Further packed with the equipment in an outer packaging that meets packing group II standards
- Equipment with cells or batteries packed in a manner that protects equipment against short circuits, moving, and/or accidental activation
- For non-bulk, a maximum net mass per package of 400 kg (882 pounds) or less and a maximum capacity of 450 L (119 gallons) or less as a receptacle for a solid
- For large packaging, packages that exceed 400 kg net mass but have a volume of not more than 3 cubic meters (m³), certain large, rigid packagings are authorized for a single battery, including for a battery contained in equipment

Marking and Labeling Requirements



Option 1

UN
Packaging
Inside

Option 2

UN3091, LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT	UNID, Proper Shipping Name
	Appropriate UN Certification marking
	Class 9 Lithium Battery Label

Lithium Metal**Fully Regulated****UN3091****Packed With**

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Documentation Requirements

1. Include Bill of Lading or other document with the following information:

- Contains all of the information required as per 49 CFR, Subpart C of Part 172
- Emergency response information required as per 49 CFR, Subpart G of Part 172

(The document can be any form, provided it contains all of the information required by the regulations)

Street		City, State, Zip Code				
City, State, Zip Code		24 hr. Emergency Contact Tel. No.	24 hr Emergency Contact Name: XXXXX 24 hr Emergency Contact Number: xxx-xxx-xxxx			
Route			Vehicle Number			
No. of Units & Container Type	HM	BASIC DESCRIPTION <small>UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
1 box	X	UN3091, Lithium Metal Batteries Packed with Equipment, 9 ERG CODE 138	25lb.			



DGIS LITHIUM
BATTERY
ADVISOR

This sheet is only a summary of the requirements found in
49 CFR, §171.8, §172.101; §172.447; Subparts C and G of
Part 172; and §173.185