

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

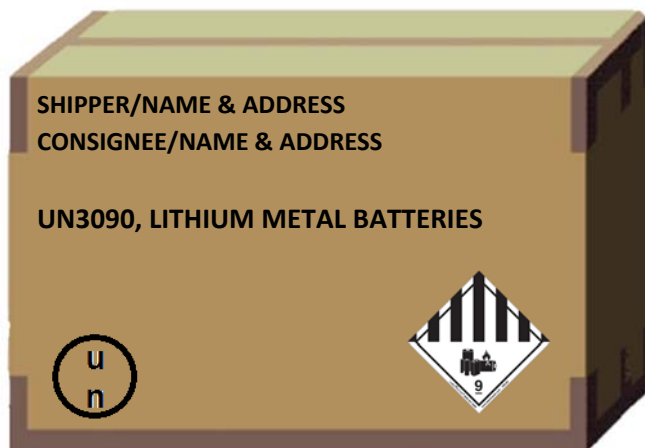
Customer Defined Shipment Specifications



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

Packaging Requirements

- Cells and batteries protected to prevent short circuits, movement, and accidental activation
- Inner packagings that completely enclose the cell or battery
- Completed packagings must meet Packing Group II standards; except:
 - Lithium batteries that weigh 12 kg (26.5 pounds) or more and have a strong, impact-resistant outer casing may be packed in strong outer packagings; protective enclosures; or on pallets or other handling devices instead of UN performance packaging
- 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



UN3090, LITHIUM METAL BATTERIES	UNID, Proper Shipping Name
	Appropriate UN Certification marking
	Class 9 Lithium Battery Label

Lithium Metal**Excepted****UN3090****Standalone**

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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	UN3090, Lithium Metal Batteries, 9 ERG CODE 138	70 lb.			



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